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United States
Department of
Agriculture

Agricultural
Cooperative
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ACS

Service
Report
Number 15

Farmer Cooperative Statistics, 1984

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ABSTRACT

FARMER COOPERATIVE STATISTICS, 1984 by Ralph M. Richardson, Celestine C. Adams, Katherine C. DeVille, Frances E. Mahan, Beverly L. Rotan, and John W. Stutzman, Cooperative Management Division, Agricultural Cooperative Service, U.S. Department of Agriculture, ACS Service Report 15, November 1985.

A survey of U.S. farmer cooperatives for calendar year 1984 showed a record high total net business volume but continuing decline in number of organizations and memberships. Total gross business and total net business volume are reported for 5,782 cooperatives. Business volume, number of cooperatives, and cooperative memberships are reported by commodity for those cooperatives classified as marketing, farm supply, and related service. Cooperative growth trends show changes in cooperative members, business size, sales volume, and share of marketing and purchasing activity. Data on balance sheet and net margins and selected activities of other service organizations are presented.

Key words: cooperatives, statistics, business volume, memberships, balance sheet, net margins.

ACS Service Report 15, November 1985.

PREFACE

Farmer cooperative statistics are collected annually to provide information on the progress and trends in cooperatives' growth and development. Many people use these statistics for various purposes such as research, technical assistance, education, planning, and public policy. Acquiring, analyzing, and disseminating farmer cooperative statistics are authorized by the Cooperative Marketing Act of 1926.

This report provides aggregate information on the number, membership, and business volume of farmer cooperatives classified by commodity and functional type. Both gross (includes intercooperative business) and net (excludes intercooperative business) dollar volumes of cooperatives are shown.

Basic information is provided on the balance sheet and net margins of farmer cooperatives by principal product marketed and major functional type.

Statistics for 1984 are presented on a national basis only. Therefore, to provide detailed information on farmer cooperatives, data for 1983 are shown where 1984 data are not available.

Data are collected from individual farmer cooperatives by mail survey of organizations identified by Agricultural Cooperative Service (ACS), as meeting the requirements of the ACS definition of a farmer cooperative.

A stratified random sample of a large proportion of farmer cooperatives is used to reduce the work of collecting and assembling data and to enable more timely publishing of statistics.

ACS depends on the cooperative community's response to its annual survey to develop a detailed and comprehensive set of statistics on farmer cooperatives. The time and effort taken to provide information and the rapidity with which it is furnished are greatly appreciated.

CONTENTS

	Page
HIGHLIGHTS	iii
I--DEFINITION OF A FARMER COOPERATIVE	1
Classification of Cooperatives	1
Organizational Structures	2
Centralized	2
Federated	2
Mixed	3
II--Cooperative Growth Trends	3
Number of Organizations	3
Business Size	3
Business Volume	7
Market Share	7
III--1984 Statistics	12
Number of Cooperatives	12
Memberships	12
Business Volume	20
Balance Sheet	25
Net Margins	38
Other Service Organizations	38
Federal Land Bank Associations	38
Production Credit Associations	43
Banks for Cooperatives	43
Rural Credit Unions	43
Rural Electric Cooperatives	43
Rural Telephone Cooperatives	43
Dairy Herd Improvement Associations	43

HIGHLIGHTS

The 1984 survey of marketing, farm supply, and related service cooperatives showed a record high net business volume but a decrease in number of memberships and organizations.

Total gross business volume (including intercooperative business) handled by cooperatives amounted to \$96.9 billion, up 9.1 percent from \$88.7 billion in 1983.

Total net business, excluding business done between cooperatives, amounted to \$73 billion, up 9.4 percent from the \$66.8 billion in 1983.

The total number of cooperatives dropped from 5,989 to 5,782, a net decrease of 207 associations. Each year, new cooperatives are formed and others disappear as they go out of business due to consolidation, merger, acquisition, or unsuccessful operations.

Cooperative memberships of 4,954,758 dropped to 4,841,749 in 1984, a decrease of 2.3 percent.

The gross value of farm products marketed by cooperatives amounted to \$67.6 billion, an increase of 10.5 percent from \$61.2 billion. The net value of these farm products, after eliminating duplication resulting from intercooperative business, amounted to \$54.6 billion, a 10.6-percent increase from \$49.3 billion.

The gross value of farm supplies handled by farmer cooperatives amounted to \$27.1 billion, increasing 6.4 percent from \$26.1 billion in 1983. The net value of these supplies, after intercooperative business was eliminated, amounted to \$17 billion, up 6.4 percent from \$15.9 billion.

Receipts for services related to marketing farm products and handling farm supplies amounted to \$1.5 billion, an increase of 3.6 percent from \$1.47 billion.

Combined assets for all farmer cooperatives totaled \$29.2 billion, up nearly 1.3 percent from the \$28.8 billion for 1983. Net assets, after eliminating intercooperative investments, were \$26.2 billion in 1984, compared with \$25.9 billion in 1983--a 1.3-percent increase.

Total liabilities were \$17 billion in 1984--down 1.6 percent from \$17.3 billion reported in 1983.

Net worth, or member and patron equity, increased 5.6 percent from \$11.5 to \$12.2 billion. Member and patron equity financed 41.7 percent of total assets, up from 40 percent.

Farmer cooperatives' net margins were nearly \$1.01 billion, a 4.4-percent decrease from the \$1.06 billion in 1983. The \$1.01 billion included intercooperative dividends and refunds of \$185 million--down 4 percent from \$193 million in 1983.

Highlights Capsule

	1984	1983
Number of Cooperatives	5,782	5,989
Memberships	4,841,749	4,954,758
Business volume (\$1,000)	73,046,540	66,754,824
Net margins (\$1,000)	1,008,567	1,055,268
Total assets (\$1,000)	29,181,896	28,809,580

Leading States:

	1983	1981
Number of cooperatives	Minnesota (673)	Minnesota (722)
Memberships	Minnesota (488,497)	Minnesota (525,709)
Business volume (\$1,000)	Iowa 5,757,965	Iowa 7,475,830

I--DEFINITION OF A FARMER COOPERATIVE

For inclusion in the annual survey, a cooperative is defined as one that meets the following requirements:

(1) Farmers or agricultural producers hold the controlling interest in the cooperative; (2) no member of the cooperative is allowed more than one vote because of the amount of stock or membership capital owned or the cooperative does not pay dividends on stock or membership capital in excess of 8 percent a year, or the legal rate in the State, whichever is higher; and (3) the cooperative does not deal in products of nonmembers in an amount greater in value than it handles for its members.

This definition may result in showing a larger or smaller number of farmer cooperatives than found in lists or directories of State agencies or cooperative councils. Agricultural Cooperative Service (ACS) includes only marketing, farm supply, and related service cooperatives on its list. Livestock shipping associations and wool pools are included as marketing cooperatives. Many State lists include other types of cooperatives such as production, credit, telephone, electric, and consumer cooperatives as well as those that do not fulfill ACS's definition. Another reason for differences in the count or number of cooperatives is that cooperatives may operate in a specific State for a considerable period of time before they are included in the national survey. This may be due to one of the following reasons: (1) ACS may not learn of the existence of the cooperative immediately; (2) the cooperative may not have completed and returned the initial questionnaire; or (3) no notification is received of a cooperative that quits operating.

Readers who wish to make comparisons from year to year in specific commodity groups, therefore, should keep in mind the differences in lists and classifications in State and Federal data.

Classification of Cooperatives

Statistics are presented according to a cooperative's major function, or classification, such as marketing, farm supply, and related service cooperatives. These classifications are defined as follows:

Marketing cooperatives are associations whose primary business is marketing farm products for members--that is, more than 50 percent of total dollar volume was derived from the sale of members' farm products. Marketing cooperatives are further classified according to which major commodity of 13 classifications is predominant (in terms of dollar volume) in each association's business. If a cooperative consistently indicates it is handling a larger volume of a commodity than the one it was originally organized to handle, and which provided the basis for its initial classification, it is reclassified by the commodity currently representing the predominant product in its business volume.

Cooperatives first furnished data by individual commodities handled and services performed in the 1950-51 survey. 1/ Cooperatives operating on a multistate basis

1/ A detailed discussion of the revisions initiated in statistical methods in 1950-51 was given in Statistics of Farmers' Marketing, Purchasing, and Service Cooperatives, 1950-51, U.S. Dept. Agri., Farm Credit Admin., Misc. Rpt. 169, pp. 1-3.

were asked to furnish information on memberships and business volumes for the individual States they served. Before that time, all memberships and business were credited to the States in which each association maintained its headquarters.

Farm supply cooperatives are those whose farm supply business accounted for more than 50 percent of total dollar volume.

Farm supply cooperatives include those handling all types of farm production supplies and equipment such as feed, seed, fertilizer, petroleum products, farmstead equipment, and building supplies. Some also handle farm and home items such as heating oil, lawn and garden equipment, and food.

Major functions of related service cooperatives are trucking, storing, drying, artificial insemination, or similar services related to marketing or farm supply activities.

Many cooperatives handle more than one commodity and provide both marketing and farm supply facilities, as well as facilities and equipment to perform related services such as storing, drying, and trucking. These associations are classified according to the predominant commodity or function as indicated by their business volumes.

Additional data on the number, participation, and activity of other types of service cooperatives or organizations such as rural electric cooperatives, production credit associations, rural credit unions, and dairy herd improvement associations are summarized.

Organizational Structures

Centralized

Most farmer cooperatives are centralized organizations. Individual farmers make up the membership. These 5,597 centralized cooperatives usually serve a local area or community, county, or several counties. Most local associations usually perform a limited number of the first steps of marketing. In farm supply associations, practically all sales are at the retail level. A few centralized cooperatives operate over large geographic areas and have members in several States. They often provide more vertically integrated services such as processing farm products or manufacturing feed and fertilizer.

Bargaining associations usually have centralized organizational structures. These associations derive all or a major portion of business volume from negotiating with distributors, processors, and other buyers and sellers over price, quantities, grade, terms of sale, and other factors involved in marketing farm products; only a few bargain for the purchase of farm supplies. While the primary function of such an association is to bring buyers and sellers together to contract for the sale of members' products, many bargaining associations now perform additional functions. For example, dairy bargaining associations at one time generally performed only price negotiation. Now, many perform additional functions, such as physically handling a portion of the milk and making spot sales for their patrons. Bargaining associations, like other dairy marketing cooperatives, represent their members at Federal or State milk marketing order hearings.

Federated

Federated cooperatives comprise two or more member associations organized to market farm products, purchase production supplies, or perform bargaining functions.

Member associations often operate at points quite distant from federation headquarters. One hundred and seven federated cooperatives have been identified. Individual farmers are not members of strictly federated associations, rather, they are members of cooperatives that comprise the federation--sometimes called a regional cooperative. Also, some federations are made up of regional cooperatives--often called interregional associations.

Mixed

A small number of cooperatives have both individual farmer-members and autonomous cooperative members. Therefore, these associations are a combination of both the centralized and federated structures. Often, these cooperatives serve large geographic areas with members in many States and provide a variety of integrated services. Seventy-eight cooperatives have been identified as having a "mixed" structure.

II--COOPERATIVE GROWTH TRENDS

As cooperatives declined in number, they grew in size and increased their importance as purchasers of supplies and marketers of products for members. Business volume of farmer cooperatives more than doubled between fiscal year 1974 and calendar year 1984.

Number of Organizations

The total number of marketing, farm supply, and related service cooperatives declined from 7,755 in 1974 to 5,782 in 1984 (table 1 and fig. 1). The number of marketing cooperatives declined from 4,822 to 3,514 and farm supply cooperatives from 2,778 to 2,136. The number of service cooperatives declined from 155 to 132.

Business Size

Measured by annual gross business volume, farmer cooperatives increased in size. Although the majority of cooperatives remain small and primarily serve local areas, a growing number are seeking regional, or even national, markets as a means of business growth and survival.

The increased size of individual cooperatives comes in part from mergers and consolidations. However, data used were not adjusted for changes in price levels and some size changes are due in part to inflationary effects.

In 1984, 90.9 percent of all farmer cooperatives reported business volumes of less than \$15 million, representing 24.1 percent of the total gross dollar volume (table 2). Only 1.2 percent of farmer cooperatives reported business volumes of \$200 million or more. These cooperatives, however, accounted for 54.9 percent of total sales compared with 45.1 percent in 1976. ^{2/}

The 100 largest cooperatives (usually operating over large geographic areas) make up an important segment of farmer cooperatives. During 1976, the 100 largest cooperatives accounted for about \$31.5 billion, or 56.4 percent of total gross

^{2/} Comparable data not available for the 1975 fiscal period.

Table 1--Number and percentage of predominantly marketing, farm supply, and related service cooperatives, selected years

Period 1/	Marketing		Farm supply		Related service		Total
	Number	Percent	Number	Percent	Number	Percent	
1950-51	6,519	64.8	3,283	32.6	262	2.6	10,064
1955-56	6,284	63.5	3,375	34.1	235	2.4	9,894
1960-61	5,727	62.5	3,222	35.2	214	2.3	9,163
1961-62	5,626	62.2	3,206	35.5	207	2.3	9,039
1962-63	5,502	61.8	3,211	36.0	194	2.2	8,907
1963-64	5,421	61.3	3,226	36.5	200	2.2	8,847
1964-65	5,305	61.8	3,085	35.9	193	2.3	8,583
1965-66	5,194	62.4	2,949	35.4	186	2.2	8,329
1966-67	5,076	62.5	2,871	35.3	178	2.2	8,125
1967-68	4,929	62.1	2,835	35.7	176	2.2	7,940
1968-69	4,773	61.6	2,793	36.1	181	2.3	7,747
1969-70	4,834	62.1	2,775	35.6	181	2.3	7,790
1970-71	5,097	63.7	2,731	34.2	167	2.1	7,995
1971-72	4,864	62.4	2,781	35.7	152	1.9	7,797
1972-73	4,897	62.3	2,801	35.7	156	2.0	7,854
1973-74	4,822	62.2	2,778	35.8	155	2.0	7,755
1974-75	4,770	62.4	2,729	35.7	146	1.9	7,645
1975-76	4,658	61.8	2,731	36.3	146	1.9	7,535
1976-77	4,008	59.5	2,593	38.5	135	2.0	6,736
1978 2/	3,930	59.6	2,550	38.6	120	1.8	6,600
1979	3,825	59.3	2,507	38.9	113	1.8	6,445
1980	3,808	60.5	2,369	37.7	116	1.8	6,293
1981	3,743	60.3	2,356	37.9	112	1.8	6,211
1982	3,714	60.7	2,299	37.5	112	1.8	6,125
1983	3,647	60.9	2,208	36.9	134	2.2	5,989
1984 3/	3,514	60.8	2,136	36.9	132	2.3	5,782

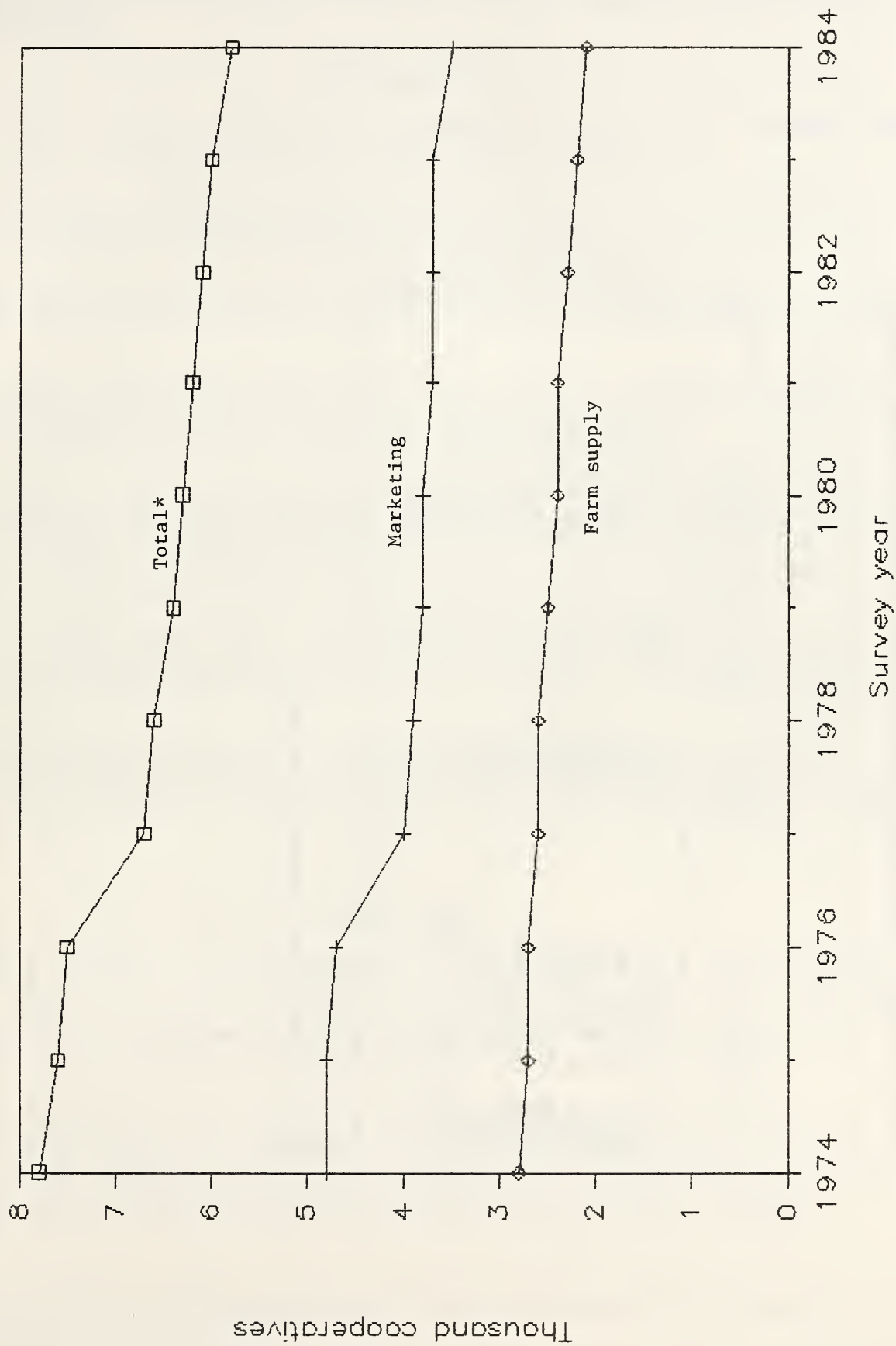
1/ For years before 1950-51, see appendix table 5, FCS General Report 128 in libraries.

2/ Previously, data for farmer cooperatives were reported on a fiscal year basis. Beginning in 1978, data are included for the calendar year. Data for 1978 are estimated.

3/ Preliminary.

Figure 1

Farmer Cooperatives in the U.S.



*Total includes a small number of cooperatives that provide specialized related services.

Table 2--Farmer cooperatives grouped by gross business volume, 1984 1/

Volume group	Cooperatives		Dollar volume		Percent of total
	Number	Percent of total	Gross 2/ (000)		
Less than \$15 mil.	5,253	90.9	23,438,746		24.1
\$15 - 24.9 mil.	199	3.4	3,876,449		4.0
\$25 - 49.9 mil.	152	2.6	5,339,671		5.5
\$50 - 99.9 mil.	62	1.1	4,315,510		4.5
\$100 - 199.9 mil.	48	0.8	6,699,069		6.9
\$200 - 249.9 mil.	10	0.2	2,216,573		2.3
\$250 - 499.9 mil.	30	0.5	10,057,809		10.4
\$500 - 999.9 mil.	17	0.3	12,667,798		13.1
\$1,000 mil. and over	11	0.2	28,259,305		29.2
Total	5,782	100.0	96,870,930		100.0

1/ Preliminary.

2/ Includes intercooperative volume.

business volume. By 1984, the 100 largest cooperatives ^{3/} accounted for nearly \$58.2 billion in business volume, 60 percent of the total. These cooperatives, however, directly and through member cooperatives serve a large proportion of the total memberships.

Business Volume

Net cooperative business, unadjusted for changes in the price level, increased from \$35.4 billion in 1974 to \$73 billion in 1984 (table 3 and fig. 2).

During this period, marketing of farm products declined from 76 to 75 percent of annual net business volume; purchases of production supplies rose from 22 to 23 percent; and related services remained about 2 percent.

Marketing volume increased from \$26.9 billion to \$54.6 billion, supplies purchased from \$7.8 billion to \$17 billion, and services provided from \$658 million to \$1.5 billion.

Grain, soybeans, and soybean meal and oil; dairy products; fruits and vegetables; and livestock and livestock products increased from 83 percent of all products marketed in 1974 to 84 percent in 1984.

In 1984, grain, soybeans, and soybean meal and oil accounted for a substantially greater proportion of total cooperative business than in 1974. Dairy products and fruits and vegetables showed a moderate increase but livestock and livestock products declined. Among lesser commodities, both poultry products and sugar products declined while cotton and cotton products showed an increase.

In the farm supply group, three items--petroleum products, feed, and fertilizer--were especially important. They accounted for 72 percent of the total production supply business in 1974 and 74 percent in 1984.

Considering changes in the production supplies group, however, the proportion of total business volume accounted for by feed declined, while the proportion accounted for by petroleum products and fertilizer increased substantially. Farm chemicals also increased in proportion, while other production supplies decreased slightly.

Market Share

Cooperatives accounted for about 23 percent of the agricultural products marketed at the first-handler level in 1973 (figure 3). This share increased to 31 percent in 1984. Market share was largest for milk in both 1973 and 1984. The lowest proportions were in livestock and poultry. Individual commodities with shares higher than the overall average were milk, grain and soybeans, and cotton.

Farmers in 1973 purchased 23 percent of the major farm supplies (fertilizer, petroleum and products, farm chemicals, feed, and seed) through cooperatives (figure 4). This proportion increased to 27 percent in 1984, due mostly to larger volumes of farm chemicals moving through cooperatives. Petroleum, fertilizer, and farm chemicals were handled in greater proportion than the overall average.

^{3/} Based on amount of annual gross sales (includes intercooperative sales) but without regard to size of assets.

Table 3--Number and net volume of cooperatives handling farm products, farm supplies, and service receipts, 1974 and 1984 ^{1/}

Item	1974		1984	
	Cooperative handling	Net volume	Cooperative handling	Net volume
	No.	1,000 dol.	No.	1,000 dol.
Products marketed:				
Beans and peas (dry edible).....	46	140,985	52	120,214
Cotton and cotton products.....	494	873,963	487	2,471,366
Dairy products.....	631	7,221,972	418	16,707,616
Fruits and vegetables.....	436	2,387,498	394	5,058,900
Grain, soybeans, and soybean meal and oil.....	2,540	9,645,767	2,275	20,607,295
Livestock and livestock products.....	572	3,149,603	402	3,688,903
Nuts.....	50	497,491	35	877,942
Poultry products.....	167	815,194	63	1,116,917
Rice.....	62	788,406	62	924,588
Sugar products.....	62	997,517	47	1,715,066
Tobacco.....	28	297,505	35	537,417
Wool and mohair.....	164	30,927	181	32,668
Miscellaneous.....	83	96,964	102	697,128
Total farm products.....	<u>2/ 4,817</u>	26,943,792	<u>2/ 4,173</u>	54,556,020
Supplies purchased:				
Building materials.....	2,168	248,382	1,887	448,433
Containers.....	842	134,739	520	100,809
Farm chemicals.....	3,328	385,957	3,407	1,460,343
Farm machinery and equipment.....	1,304	194,421	1,690	323,618
Feed.....	3,744	2,463,884	3,295	3,640,592
Fertilizer.....	3,865	1,588,853	3,442	3,434,726
Meats and groceries.....	486	95,616	436	156,212
Petroleum products.....	2,624	1,519,186	2,742	5,477,408
Seed.....	3,553	306,198	3,318	586,855
Other supplies.....	4,224	826,791	3,922	1,339,984
Total farm supplies.....	<u>2/ 5,554</u>	7,764,027	<u>2/ 4,558</u>	16,968,981
Receipts for services:				
Trucking, cotton ginning, storage, grinding, locker plants, miscellaneous....	<u>2/ 4,586</u>	<u>3/ 657,730</u>	<u>2/ 4,129</u>	<u>3/ 1,521,539</u>
Total business	<u>2/ 7,755</u>	35,365,549	<u>2/ 5,782</u>	73,046,540

^{1/} Preliminary. Totals may not add due to rounding.

^{2/} Adjusted for duplication arising from multiple activities performed by many cooperatives.

^{3/} Chargee for services related to marketing or purchasing but not included in the volume reported for these activities.

Figure 2

Business Volume of Farmer Cooperatives

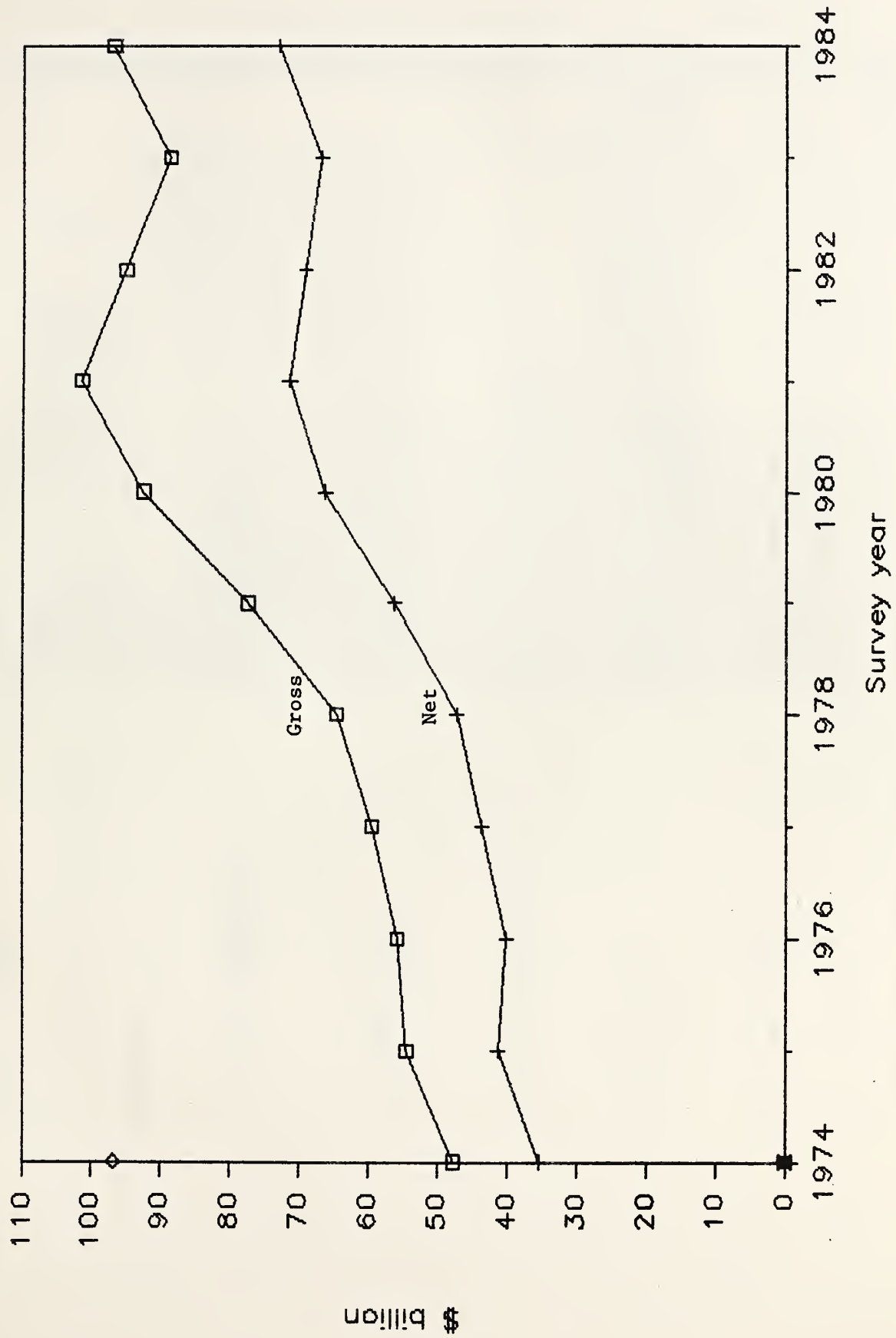
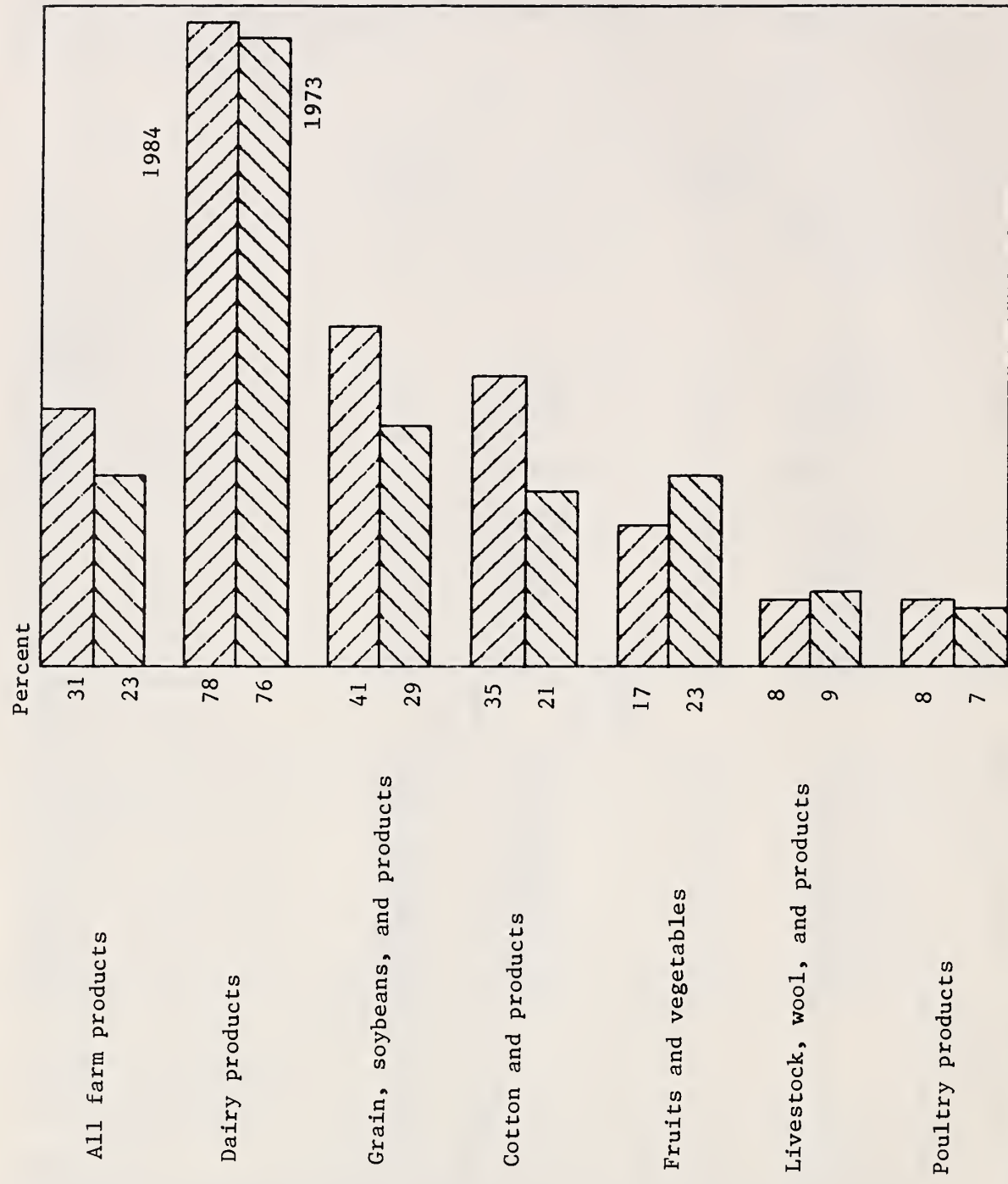


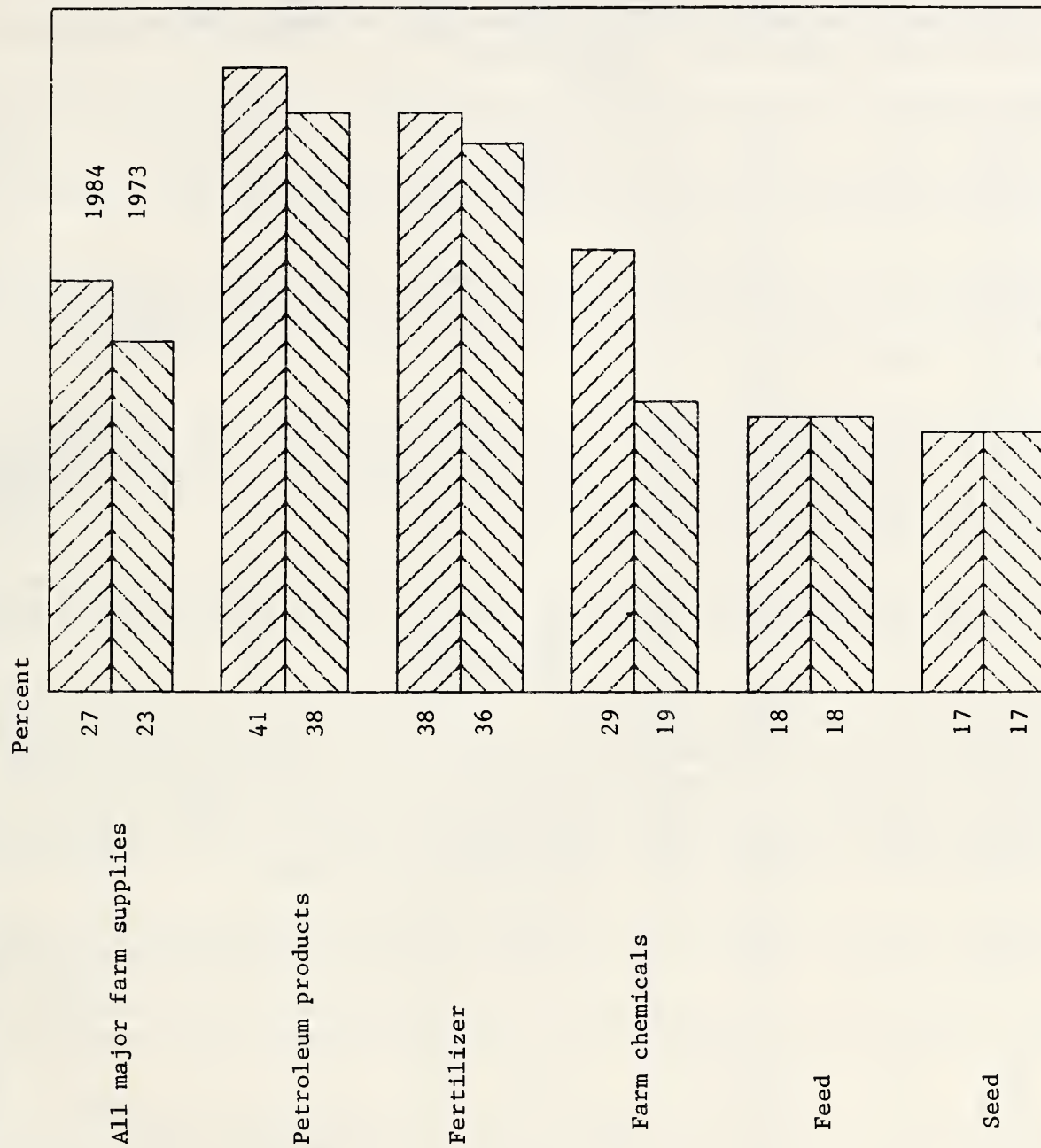
Figure 3

Cooperatives' Share of Marketing Activity*



*First-handler level.

Figure 4
Cooperatives' Share of Purchasing Activity



III--1984 STATISTICS

Number of Cooperatives

The 1984 survey accounted for 5,782 marketing, farm supply, and related services 4/ cooperatives, compared with 5,989 in 1983.

The decrease of 207 associations, 3.5 percent fewer, largely reflected a continuing trend involving merger, consolidation, acquisition, or dissolution.

Of the 5,782 cooperatives, 3,514 primarily marketed farm products, 2,136 handled farm production supplies, and 132 provided related services.

Comparison of 1984 to 1983 shows that marketing cooperatives increased from 60.9 to 60.8 percent of the total number of cooperatives; farm supply cooperatives remained the same at 36.9 percent; and related service cooperatives increased slightly from 2.2 to 2.3 percent.

The percentage changes in table 1 are due to some extent to the reclassification of cooperatives because of changes in the function from which they derive the major portion of their dollar volume. The primary examples are marketing cooperatives whose major business became the sale of farm supplies, or farm supply cooperatives in which marketing took a dominant role.

In table 4, cooperatives are classified according to the business activity that consistently accounted for the largest percent of their dollar volume for 1983.

Memberships

Memberships in marketing, farm supply, and related service cooperatives totaled 4,841,749 in 1984, a decrease of 2.3 percent from 4,954,758 (table 5 and fig. 5). The long-term trend has been one of decline, reflecting, in part, the decreasing number of farmers in the United States. Many farmers were members of more than one cooperative and each membership was counted. Total membership contains duplication that cannot be eliminated with current reporting methods.

Though many farmers maintained membership in more than one cooperative, almost 1 million members, or 20.2 percent, did not actively patronize their cooperatives.

Membership figures often vary widely from year to year for cooperatives participating in price stabilization programs, particularly for those handling cotton, peanuts, or tobacco.

Classification of members is affected also by the diversity of services offered by cooperatives. For example, a member may use a cooperative to market only one of the farm products handled by the cooperative, or a member may use a cooperative classified in the marketing group only for purchasing one or more types of production supplies. The member's business with the cooperative, therefore, may

4/ Related services include trucking, storage, grinding, drying, artificial insemination, and similar services affecting the form, quality, or location of farm products and supplies handled by cooperatives. They do not include credit, electric, telephone, or other such services not directly related to marketing or purchasing activities.

Table 4—Cooperative numbers 1/ and memberships, by major business activity and State, 1983 2/

State	Beans and peas, dry edible		Cotton and cotton products <u>3/</u>		Dairy products		Fruits and vegetables <u>3/</u>	
	Co-op hqts. in State	Member- ships <u>4/</u>	Co-op hqts. in State	Member- ships <u>4/</u>	Co-op hqts. in State	Member- ships <u>4/</u>	Co-op hqts. in State	Member- ships <u>4/</u>
	Number							
Alabama.....			7	311	<u>5/</u>	275	2	1,000
Alaska.....					<u>1</u>	15		
Arizona.....			5	1,001	1	169	5	1,250
Arkansas.....			21	1,868	1	910	7	1,044
California.....	5	994	44	5,878	12	1,481	108	24,442
Colorado.....	3	539	<u>5/</u>	7	4	591	12	1,066
Connecticut.....					<u>5/</u>	526	1	8
Delaware.....					<u>5/</u>	173	1	1,261
Florida.....			<u>5/</u>	5	<u>4</u>	333	47	3,882
Georgia.....					1	806	3	99
Hawaii.....					2	20	6	411
Idaho.....	1	900			1	1,133	2	2,321
Illinois.....					8	3,666	4	63
Indiana.....					2	3,300	1	163
Iowa.....					14	9,980	1	12
Kansas.....					1	1,981	1	23
Kentucky.....					2	3,670	2	507
Louisiana.....			8	1,162	2	1,013	5	284
Maine.....					1	539	5	1,275
Maryland.....					1	1,532	1	31
Massachusetts.....					2	701	2	324
Michigan.....	2	370			4	7,494	17	3,967
Minnesota.....					90	36,113	1	62
Mississippi.....			53	5,407	2	862	1	5
Missouri.....			<u>5/</u>	23	2	4,450	<u>5/</u>	22
Montana.....					2	755	2	236
Nebraska.....					1	1,928		
Nevada.....			<u>5/</u>	6	2	59		
New Hampshire.....					<u>5/</u>	270		
New Jersey.....					2	254	11	1,619
New Mexico.....			16	2,667			1	13
New York.....					82	8,527	8	1,493
North Carolina.....			2	595	2	623	12	2,099
North Dakota.....					5	1,843	1	105
Ohio.....					8	6,194	8	2,468
Oklahoma.....			47	19,383	<u>5/</u>	1,121		
Oregon.....					<u>6</u>	1,360	13	1,659
Pennsylvania.....					22	9,321	9	2,010
Rhode Island.....					<u>5/</u>	81		
South Carolina.....			1	426	<u>1</u>	175	4	67
South Dakota.....					3	2,371		
Tennessee.....			<u>5/</u>	9	2	1,479	3	18
Texas.....			258	65,510	3	2,972	8	544
Utah.....					4	824	4	38
Vermont.....					6	2,900	1	290
Virginia.....			<u>5/</u>	12	3	1,638	6	204
Washington.....					6	2,503	33	8,376
West Virginia.....					2	441	<u>5/</u>	20
Wisconsin.....					81	34,882	<u>2</u>	775
Wyoming.....	1	1,195			<u>5/</u>	64		
Foreign.....							<u>5/</u>	57
United States.....	12	3,998	462	104,282	401	164,317	361	65,613

Continued

Table 4—Cooperative numbers and memberships, by major business activity and State, 1983—Continued

State	Grain, soybeans, and soybean meal and oil <u>6/</u>		Livestock and livestock products		Nuts <u>7/</u>		Poultry and poultry products	
	Co-op hqts. in State	Member- ships <u>4/</u>	Co-op hqts. in State	Member- ships <u>4/</u>	Co-op hqts. in State	Member- ships <u>4/</u>	Co-op hqts. in State	Member- ships <u>4/</u>
	Number							
Alabama.....	2	3,052	13	6,802			<u>5/</u>	15,212
Alaska.....								
Arizona.....	2	905	<u>5/</u>	227	<u>5/</u>	13	<u>5/</u>	4
Arkansas.....	6	17,020	<u>4</u>	749	<u>5/</u>	67	<u>5/</u>	2,336
California.....	3	552	1	8,070	<u>6</u>	8,605	<u>3</u>	89
Colorado.....	21	13,641	5	3,381				
Connecticut....							<u>5/</u>	9
Delaware.....			<u>5/</u>	18			<u>5/</u>	3
Florida.....							<u>1</u>	8,207
Georgia.....			1	353	2	7,112	<u>4</u>	45,526
Hawaii.....			1	16	1	47		
Idaho.....	12	16,676	6	2,501			<u>5/</u>	3
Illinois.....	151	85,412	5	39,410			<u>5/</u>	13
Indiana.....	41	80,628	3	33,852			<u>5/</u>	4
Iowa.....	210	108,074	8	15,900			<u>5/</u>	2
Kansas.....	190	151,840	1	705			<u>5/</u>	14
Kentucky.....	1	2,150	12	9,009			<u>5/</u>	102
Louisiana.....	6	917	2	235	<u>5/</u>	10	<u>5/</u>	19
Maine.....							<u>1</u>	12
Maryland.....			<u>5/</u>	7			<u>5/</u>	7
Massachusetts..			1	170			1	425
Michigan.....	19	20,706	4	18,101			<u>5/</u>	5
Minnesota.....	192	117,021	132	55,089			<u>2</u>	84
Mississippi....	8	3,330	7	37,114			<u>5/</u>	270
Missouri.....	21	24,782	8	14,472	<u>5/</u>	9	<u>5/</u>	13
Montana.....	34	19,702	1	917			<u>5/</u>	1
Nebraska.....	140	91,433	5	4,926			<u>1</u>	6
Nevada.....	1	24						
New Hampshire..							<u>1</u>	2
New Jersey.....			2	2,289			<u>5/</u>	9
New Mexico.....	1	1,199	<u>5/</u>	1,456	<u>5/</u>	218	<u>5/</u>	10
New York.....	<u>5/</u>	1	<u>4</u>	30,771			<u>2</u>	57
North Carolina.			3	1,844	1	15,560	<u>5/</u>	609
North Dakota...	227	88,721	15	9,693				
Ohio.....	84	61,148	5	27,493			<u>5/</u>	6
Oklahoma.....	72	50,672	1	6,300	3	2,650	<u>5/</u>	716
Oregon.....	9	4,981			1	310	<u>1</u>	39
Pennsylvania...			8	423			<u>5/</u>	51
Rhode Island...							<u>5/</u>	1
South Carolina.	1	133	1	78	<u>5/</u>	800	<u>5/</u>	5,355
South Dakota...	119	65,548	2	7,467				
Tennessee.....	<u>5/</u>	300	4	656	<u>5/</u>	447	<u>5/</u>	8,118
Texas.....	<u>58</u>	22,472	2	2,569	<u>2</u>	4,007	<u>5/</u>	535
Utah.....	3	6,059	1	4,555			<u>4</u>	142
Vermont.....							<u>5/</u>	1
Virginia.....	4	1,917	15	4,398	1	4,200	<u>1</u>	533
Washington.....	32	11,694					<u>5/</u>	2
West Virginia...	<u>5/</u>	1	7	1,014			<u>5/</u>	106
Wisconsin.....	<u>1</u>	1,564	68	26,737			<u>5/</u>	1
Wyoming.....	2	493	<u>5/</u>	50				
Foreign.....			<u>5/</u>	200				
United States..	1,673	1,074,768	358	380,017	17	44,055	22	88,659

Continued

Table 4--Cooperative numbers and memberships, by major business activity and State, 1983--Continued

State	Rice <u>3/</u>		Sugar products <u>8/</u>		Tobacco		Wool and mohair	
	Co-op hqts. in State	Member- ships <u>4/</u>	Co-op hqts. in State	Member- ships <u>4/</u>	Co-op hqts. in State	Member- ships <u>4/</u>	Co-op hqts. in State	Member- ships <u>4/</u>
			Number					
Alabama.....			<u>5/</u>	2	<u>5/</u>	226		
Alaska.....								
Arizona.....			1	24				
Arkansas.....	23	21,691	<u>5/</u>	2	<u>5/</u>	16	1	34
California....	4	3,158	<u>4</u>	2,199	<u>5/</u>	2	1	439
Colorado.....			1	916			1	267
Connecticut...					<u>5/</u>	1,064		
Delaware.....								
Florida.....			4	156	<u>5/</u>	2,420	1	5
Georgia.....			<u>5/</u>	30	<u>5/</u>	12,943	1	5
Hawaii.....			2	306			<u>5/</u>	1
Idaho.....			2	2,444			<u>22</u>	1,228
Illinois.....			<u>5/</u>	1	<u>5/</u>	9	2	116
Indiana.....			<u>5/</u>	6	<u>5/</u>	3,809	<u>5/</u>	2,505
Iowa.....			<u>1</u>	33	<u>5/</u>	3	<u>2</u>	6,049
Kansas.....			<u>5/</u>	205			<u>5/</u>	2,519
Kentucky.....					7	82,248	<u>5/</u>	537
Louisiana.....	12	1,483	11	811			<u>2</u>	450
Maine.....							1	5
Maryland.....					1	4,160	1	5
Massachusetts.					1	930	3	5
Michigan.....			1	17	<u>5/</u>	1	<u>5/</u>	1,785
Minnesota.....			3	1,533	<u>5/</u>	5	<u>2</u>	4,505
Mississippi...	4	488	<u>5/</u>	2			1	50
Missouri.....	<u>5/</u>	73	<u>5/</u>	2	<u>5/</u>	733	1	984
Montana.....			4	573			26	1,689
Nebraska.....			2	1,032	<u>5/</u>	1	1	3,323
Nevada.....			<u>5/</u>	3			1	6
New Hampshire.							1	755
New Jersey....							1	300
New Mexico....			<u>5/</u>	4			1	67
New York.....							4	760
North Carolina.			<u>5/</u>	2	9	72,263	2	10
North Dakota...			<u>1</u>	966			6	285
Ohio.....			2	410	1	4,695	1	4,921
Oklahoma.....							1	726
Oregon.....			1	245			<u>5/</u>	1
Pennsylvania...							<u>22</u>	4,348
Rhode Island...								
South Carolina.			<u>5/</u>	1	1	17,028		
South Dakota...			<u>5/</u>	55			3	4,542
Tennessee.....					9	57,227		
Texas.....	14	2,715	2	949				
Utah.....			<u>5/</u>	3	<u>5/</u>	2	8	2,626
Vermont.....							1	400
Virginia.....					3	16,920	19	2,900
Washington....			<u>5/</u>	15			3	240
West Virginia..					<u>5/</u>	2,198	16	1,705
Wisconsin.....			<u>5/</u>	48	<u>2</u>	2,007	1	1,966
Wyoming.....			<u>3</u>	405			7	1,338
Foreign.....			<u>5/</u>	7				
United States..	57	29,608	45	13,407	34	280,910	167	54,402

Continued

Table 4--Cooperative numbers and memberships, by major business activity and State, 1983--Continued

State	Miscellaneous marketing <u>10/</u>		Total marketing		Farm supply		Related services <u>11/</u>		Total	
	Co-op hqts. in State	Member-ships <u>4/</u>	Co-op hqts. in State	Member-ships <u>4/</u>	Co-op hqts. in State	Member-ships <u>4/</u>	Co-op hqts. in State	Member-ships <u>4/</u>	Co-op hqts. in State	Member-ships <u>4/</u>
					Number					
Alabama.....			24	26,880	57	54,734	2	180	83	81,794
Alaska.....			1	15					1	15
Arizona.....			14	3,593	3	60,020	<u>5/</u>	1	17	63,614
Arkansas.....			63	45,737	51	60,081	<u>3</u>	864	117	106,682
California.....	3	935	194	56,844	35	12,177	18	925	247	69,946
Colorado.....			47	20,408	29	18,345	1	5	77	38,758
Connecticut....			1	1,608	3	1,668	1	35	5	3,311
Delaware.....			1	1,455	4	8,711			5	10,166
Florida.....	1	12	58	15,020	5	2,917	3	13,332	66	31,269
Georgia.....	1	300	13	67,174	10	6,258			23	73,432
Hawaii.....	4	713	16	1,514	5	1,331	2	83	23	2,928
Idaho.....	1	32	47	27,239	18	18,354			65	45,593
Illinois.....	2	118	172	128,809	99	150,909	8	3,833	279	283,551
Indiana.....	1	21	48	124,288	41	80,928	1	2,687	90	207,903
Iowa.....	1	485	237	140,538	124	154,083	1	250	362	294,871
Kansas.....	<u>5/</u>	2	193	157,292	46	48,299			239	205,591
Kentucky.....			24	98,223	47	155,667	1	4,231	72	258,121
Louisiana.....			48	6,384	37	11,544	2	37	87	17,965
Maine.....			8	1,831	1	6,299			9	8,130
Maryland.....			4	5,742	21	43,169	4	2,634	29	51,545
Massachusetts..			10	2,555	6	6,440	1	52	17	9,047
Michigan.....	4	121	51	52,568	54	57,657	3	4,301	108	114,526
Minnesota.....	2	194	424	214,607	238	231,670	11	2,220	673	448,497
Mississippi.....	2	10	78	47,538	69	68,167	4	748	151	116,453
Missouri.....			32	45,563	77	196,347	4	2,354	113	244,264
Montana.....			69	23,873	66	29,336			135	53,209
Nebraska.....	1	18	151	102,667	94	98,937	3	8	248	201,612
Nevada.....			4	98	<u>5/</u>	85			4	183
New Hampshire..			2	1,027	<u>5/</u>	960			2	1,987
New Jersey.....	1	40	17	4,511	6	5,428	1	567	24	10,506
New Mexico.....	<u>5/</u>	1	19	5,635	<u>5/</u>	5	1	300	20	5,940
New York.....	<u>1</u>	28	101	41,637	<u>115</u>	66,900	4	1,077	220	109,614
North Carolina..			31	93,605	2	40,017	3	75	36	133,697
North Dakota...			255	101,613	138	61,598	3	10	396	163,221
Ohio.....	1	11	110	107,348	52	41,695	5	473	167	149,516
Oklahoma.....			124	81,568	18	12,344	1	659	143	94,571
Oregon.....	1	30	32	8,625	19	30,374	1	35	52	39,034
Pennsylvania...			61	16,153	23	32,951	4	19,956	88	69,060
Rhode Island...			<u>5/</u>	82	<u>5/</u>	346	1	30	1	458
South Carolina..			9	24,063	1	15,376			10	39,439
South Dakota...	1	48	128	80,031	104	71,868	1	34	233	151,933
Tennessee.....	1	100	19	68,354	85	79,988	2	10	106	148,352
Texas.....	2	26	349	102,299	64	24,552	9	884	422	127,735
Utah.....	2	185	26	14,434	11	8,060	2	10	39	22,504
Vermont.....			8	3,591	1	2,368	1	26	10	5,985
Virginia.....			52	32,722	56	130,771	2	3,514	110	167,007
Washington.....	4	155	78	22,986	50	54,426	2	155	130	77,567
West Virginia...			25	5,485	20	60,519	<u>5/</u>	500	45	66,504
Wisconsin.....	1	9	156	67,989	194	223,781	<u>18</u>	27,514	368	319,284
Wyoming.....			13	3,545	9	4,059			22	7,604
Foreign.....			<u>5/</u>	264					<u>5/</u>	264
United States..	38	3,594	3,647	2,307,630	2,208	2,552,519	134	94,609	5,989	4,954,758

See next page for footnote references.

Footnotes to table 4

1/ Includes independent local cooperatives, federations, centralized cooperatives, and cooperatives with mixed organizational structures.

2/ Data covering operations of cooperatives for calendar year 1983.

3/ Cooperatives performing specific services related to a commodity are included. Incorporated local associations of a federation that performs the actual marketing or processing are counted.

4/ Includes members (those entitled to vote for directors) but does not include nonvoting patrons. (Some duplication in these membership figures occurs because many farmers belong to more than one cooperative.) Totals may not add due to rounding.

5/ The cooperative with which this membership is affiliated has been counted in the State in which the cooperative maintains its headquarters. (Foreign members of U.S. headquartered cooperatives are in Canada and Mexico).

6/ Includes soybean marketing and processing.

7/ Membership of nut cooperatives that market peanuts fluctuates from year to year and is affected by the extent to which producers participate in price stabilization programs.

8/ Includes sugar, sugarcane, sugar beets, honey, maple syrup, molasses, and sorghum.

9/ Member-patrons. Number fluctuates considerably from year to year due to participation in price stabilization programs.

10/ Includes forest products, hay, hops, nursery stock, coffee, and other farm products not separately classified.

11/ Cooperatives providing services related to marketing or purchasing activities.

Table 5—Memberships in predominantly marketing, farm supply, and related service cooperatives, selected years

Period 1/	Marketing		Farm supply		Related service		Total
	Number	Percent	Number	Percent	Number	Percent	
1950-51	4,117,950	58.1	2,878,890	40.6	94,280	1.3	7,091,120
1955-56	4,223,260	54.6	3,443,610	44.6	64,865	0.8	7,731,735
1960-61	3,473,425	48.2	3,679,675	51.1	49,795	0.7	7,202,895
1961-62	3,420,100	48.2	3,634,690	51.2	44,190	0.6	7,098,980
1962-63	3,582,110	49.6	3,595,890	49.8	40,750	0.6	7,218,750
1963-64	3,612,535	51.0	3,425,200	48.4	41,765	0.6	7,079,500
1964-65	3,790,915	53.5	3,250,840	45.9	40,255	0.6	7,082,010
1965-66	3,635,605	53.3	3,154,490	46.2	36,180	0.5	6,826,275
1966-67	3,298,435	50.7	3,168,985	48.8	34,280	0.5	6,501,700
1967-68	3,225,185	50.0	3,186,640	49.5	33,585	0.5	6,445,410
1968-69	3,141,245	49.4	3,189,460	50.1	32,850	0.5	6,363,555
1969-70	3,102,745	48.8	3,222,435	50.7	29,800	0.5	6,354,980
1970-71	3,105,005	50.4	3,027,515	49.2	25,220	0.4	6,157,740
1971-72	3,133,505	51.0	2,991,240	48.7	21,805	0.3	6,146,550
1972-73	3,117,980	50.9	2,988,050	48.8	21,905	0.3	6,127,935
1973-74	3,111,255	51.0	2,972,455	48.7	21,820	0.3	6,105,530
1974-75	3,126,500	51.1	2,971,400	48.5	24,600	0.4	6,122,500
1975-76	2,811,858	47.6	3,056,071	51.7	38,450	0.7	5,906,379
1976-77	2,655,018	46.1	3,066,023	53.3	36,687	0.6	5,757,728
1978 2/	2,595,000	45.6	3,063,000	53.8	36,500	0.6	5,694,500
1979	2,530,733	45.0	3,060,020	54.4	36,443	0.6	5,627,196
1980	2,541,995	47.3	2,804,482	52.1	32,411	0.6	5,378,888
1981	2,452,219	46.0	2,855,963	53.5	27,236	0.5	5,335,418
1982	2,444,325	47.6	2,666,375	51.9	25,074	0.5	5,135,774
1983	2,307,630	46.6	2,552,519	51.5	3/ 94,609	1.9	4,954,758
1984 4/	2,317,040	47.9	2,397,152	49.5	127,557	2.6	4,841,749

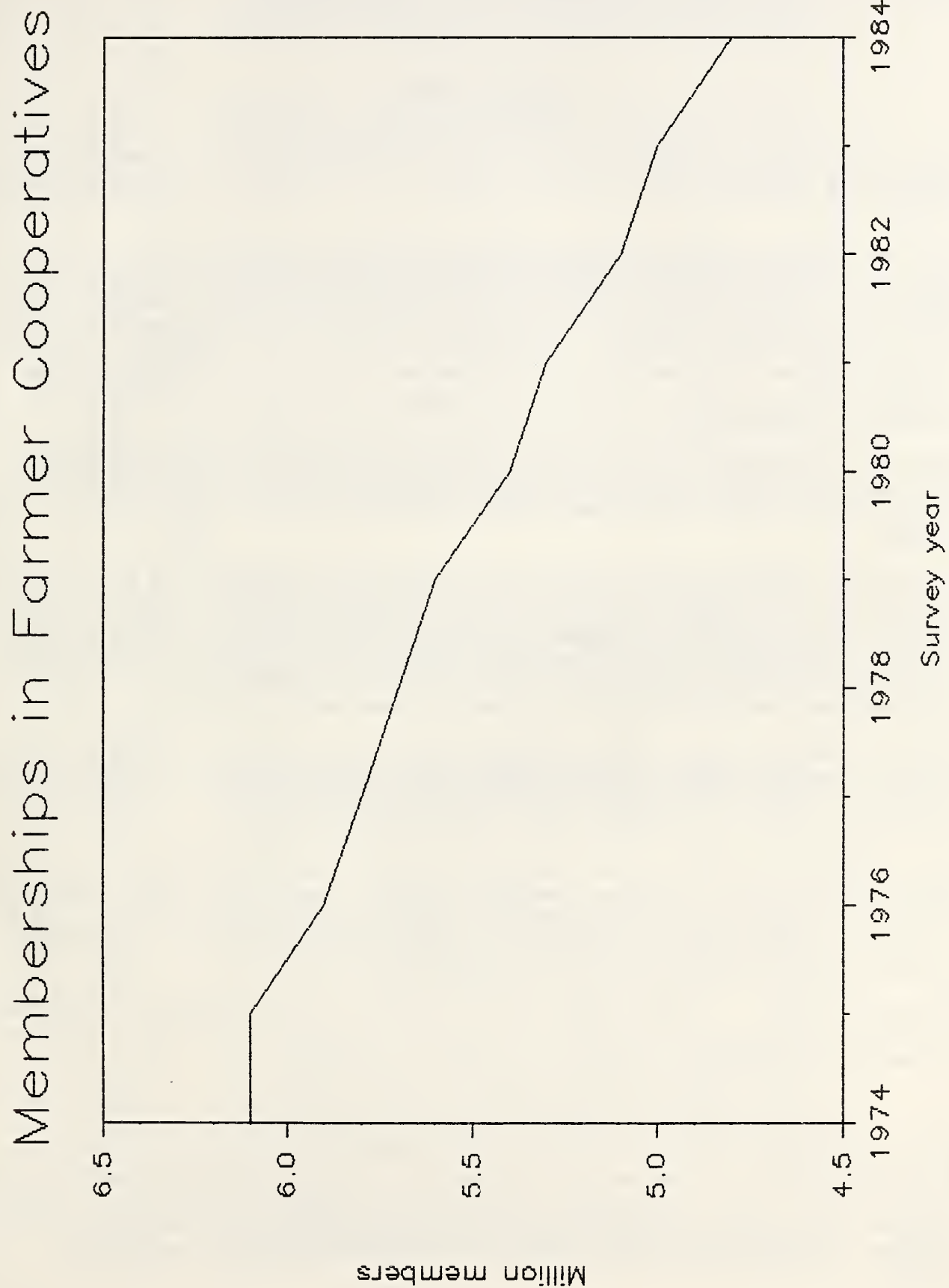
1/ For years before 1950-51, see appendix table 6, FCS General Report 128 in libraries.

2/ Previously, data for farmer cooperatives were reported on a fiscal year basis. Beginning in 1978, data are included for the calendar year. Data for 1978 are estimated.

3/ Number of memberships were up significantly due to inclusion of additional related service cooperatives.

4/ Preliminary.

Figure 5



not be in the group that represents the cooperative's major business volume (which determines how the cooperative is classified in this report). The membership, however, will be included arbitrarily in that classification.

Business Volume

Total gross business volume of 5,782 marketing, farm supply, and related service cooperatives amounted to \$96.9 billion (table 6), a 9.2-percent increase from \$88.7 billion.

Total net business volume of farmer cooperatives amounted to \$73 billion. This amount included \$54.6 billion for farm products marketed, \$17 billion for farm supplies purchased, and \$1.5 billion for services performed. The total net figure of \$73 billion, which excludes intercooperative business (the difference between gross and net business volumes), represented an increase of 9.4 percent from \$66.8 billion. However, discounting for price changes, real growth in business volume was estimated to be 6.5 percent. ^{5/} Intercooperative business rose to \$23.8 billion from \$22 billion.

Gross and net volumes of business for marketing, purchasing, and related service activities are shown in table 6 for selected years from fiscal 1951 through calendar 1984. Both gross and net volumes were higher than those for the previous 2 years.

Gross volume of farm products marketed by cooperatives increased from \$61.2 billion to \$67.6 billion, an increase of 10.5 percent. The net volume of farm products marketed amounted to \$54.6 billion and accounted for 74.7 percent of the total net volume of cooperatives. The net marketing volume represented an increase of 10.6 percent from \$49.3 billion. The gain resulted primarily from decreases in the dollar volumes reported for grain, soybeans, soybean meal and oil.

Figure 6 illustrates the leading products marketed by cooperatives based on net marketing business volume. Grain, soybeans, and soybean meal and oil led with 37.8 percent of total net marketing volume, followed by dairy products, and fruits and vegetables.

Gross volume of all farm supplies handled by cooperatives amounted to \$27.7 billion, a 6.4-percent increase from \$26.1 billion. The net farm supply volume of \$17 billion accounted for 23.2 percent of the total net business volume, a 6.4-percent increase from \$15.9 billion. Increases in net volumes of fertilizer and farm chemicals largely accounted for this rise.

As shown in figure 7, leading farm supplies handled by cooperatives in terms of net business volume were petroleum products, with 32.3 percent of the total, followed by feed and fertilizer.

^{5/} By deflating the volume of farm products handled by cooperatives in 1984 by indices of producer prices for farm products and processed foods and feeds and the volume of farm supplies and related services by the index on prices paid by farmers for production of all commodities excluding interest, taxes, and wage rates, total business volume amounted to \$71 billion, a 6.5-percent increase over the 1983 volume.

Table 6---Business volume of marketing, farm supply, and related service cooperatives, selected years

Period 1/	Gross volume (includes intercooperative business)				Net volume (excludes intercooperative business)			
	Farm products	Farm supplies	Related services 2/	Total	Farm products	Farm supplies	Related services 2/	Total
	1,000 dollars							
1950-51	7,984,777	2,437,521	99,958	10,522,256	6,361,766	1,685,413	99,958	8,147,137
1955-56	9,514,387	2,972,696	214,880	12,701,963	7,495,159	2,046,086	214,880	9,756,125
1960-61	12,143,722	3,744,711	305,600	16,194,033	9,631,247	2,472,286	305,600	12,409,133
1961-62	12,992,656	3,914,849	302,102	17,209,607	10,160,364	2,561,338	302,102	13,023,804
1962-63	13,893,463	4,145,263	303,281	18,342,007	10,834,165	2,704,400	303,281	13,841,846
1963-64	14,532,553	4,393,864	313,103	19,239,520	11,209,069	2,831,586	313,103	14,353,758
1964-65	14,816,217	4,495,217	315,527	19,626,961	11,516,217	2,910,188	315,527	14,741,932
1965-66	15,489,446	4,804,443	325,071	20,618,960	12,197,744	3,085,382	325,071	15,608,197
1966-67	16,265,376	5,314,427	317,570	21,897,373	12,899,762	3,339,207	317,570	16,556,539
1967-68	16,556,620	5,565,045	316,014	22,437,679	13,189,137	3,544,854	316,014	17,040,005
1968-69	16,841,051	5,643,341	350,761	22,835,153	13,420,765	3,615,271	350,761	17,386,797
1969-70	18,388,420	5,986,359	391,176	24,765,955	14,816,000	3,873,211	391,176	19,080,387
1970-71	20,118,015	6,748,989	414,299	27,281,303	15,801,872	4,339,529	414,299	20,555,700
1971-72	20,794,406	7,395,899	462,240	28,652,545	16,463,065	4,739,603	462,240	21,664,908
1972-73	25,110,374	8,841,293	502,800	34,454,467	19,573,016	5,914,962	502,800	25,990,778
1973-74	35,632,381	11,395,208	657,730	47,685,319	26,943,792	7,764,027	657,730	35,365,549
1974-75	40,313,162	13,416,013	744,477	54,473,652	31,937,363	8,660,605	744,477	41,342,445
1975-76	39,402,165	15,553,633	855,277	55,811,075	29,783,115	9,411,685	855,277	40,050,077
1976-77	40,803,827	17,790,798	892,977	59,487,602	32,133,711	10,557,465	892,977	43,584,153
1978 3/	45,072,429	18,604,619	947,655	64,624,703	35,305,600	11,051,865	947,655	47,305,120
1979	53,668,810	22,669,818	1,053,559	77,392,187	41,693,349	13,521,489	1,053,559	56,268,397
1980	63,650,268	27,660,042	1,209,225	92,519,535	48,911,018	16,134,111	1,209,225	66,254,354
1981	70,161,551	30,127,323	1,190,385	101,479,260	53,284,950	17,058,630	1,190,385	71,533,967
1982	65,599,550	28,104,678	1,394,386	95,098,614	51,393,826	16,362,124	1,394,386	69,150,336
1983	61,209,412	26,052,783	1,468,316	88,730,512	49,343,552	15,942,957	1,468,316	66,754,824
1984 4/	67,626,851	27,722,539	1,521,539	96,870,930	54,556,020	16,968,981	1,521,539	73,046,540

Continued

Table 6--Continued

Period 1/ 1950-51	Gross volume (includes inter- cooperative business)			Net volume (excludes inter- cooperative business)			
	Farm products	Farm supplies	Related services 2/	Total	Farm products	Farm supplies	Related services 2/ Total
	Percent						
1950-51	75.9	23.2	0.9	100.0	78.1	20.7	1.2
1955-56	74.9	23.4	1.7	100.0	76.8	21.0	2.2
1960-61	75.0	23.1	1.9	100.0	77.6	19.9	2.5
1961-62	75.5	22.7	1.8	100.0	78.0	19.7	2.3
1962-63	75.7	22.6	1.7	100.0	78.3	19.5	2.2
1963-64	75.5	22.9	1.6	100.0	78.1	19.7	2.2
1964-65	75.5	22.9	1.6	100.0	78.1	19.8	2.1
1965-66	75.1	23.3	1.6	100.0	78.1	19.8	2.1
1966-67	74.3	24.3	1.4	100.0	77.9	20.2	1.9
1967-68	73.8	24.8	1.4	100.0	77.4	20.8	1.8
1968-69	73.8	24.7	1.5	100.0	77.2	20.8	2.0
1969-70	74.2	24.2	1.6	100.0	77.7	20.3	2.0
1970-71	73.8	24.7	1.5	100.0	76.9	21.1	2.0
1971-72	72.6	25.8	1.6	100.0	76.0	21.9	2.1
1972-73	72.9	25.7	1.4	100.0	75.3	22.8	1.9
1973-74	74.7	23.9	1.4	100.0	76.2	21.9	1.9
1974-75	74.0	24.6	1.4	100.0	77.3	20.9	1.8
1975-76	70.6	27.9	1.5	100.0	74.4	23.5	2.1
1976-77	68.6	29.9	1.5	100.0	73.7	24.2	2.1
1978 3/	69.7	28.8	1.5	100.0	74.6	23.4	2.0
1979	69.3	29.3	1.4	100.0	74.1	24.0	1.9
1980	68.8	29.9	1.3	100.0	73.8	24.4	1.8
1981	69.1	29.7	1.2	100.0	74.5	23.8	1.7
1982	69.0	29.5	1.5	100.0	74.3	23.7	2.0
1983	69.0	29.4	1.6	100.0	73.9	23.9	2.2
1984 4/	69.8	28.6	1.6	100.0	74.7	23.2	2.1

1/ For years prior to 1950-51, see appendix table 7, FCS General Report 128, in libraries.

Data for prior years are not entirely comparable due to revisions in statistical procedures in 1950-51.

2/ Services related to marketing or supply purchasing but not included in the volumes reported for these activities.

3/ Previously, data for farmer cooperatives were reported on a fiscal year basis. Beginning in 1978, data are included for the calendar year. Data for 1978 are estimated.

4/ Preliminary.

Figure 6

Relative Importance of Major Farm Products Marketed by Cooperatives, 1984

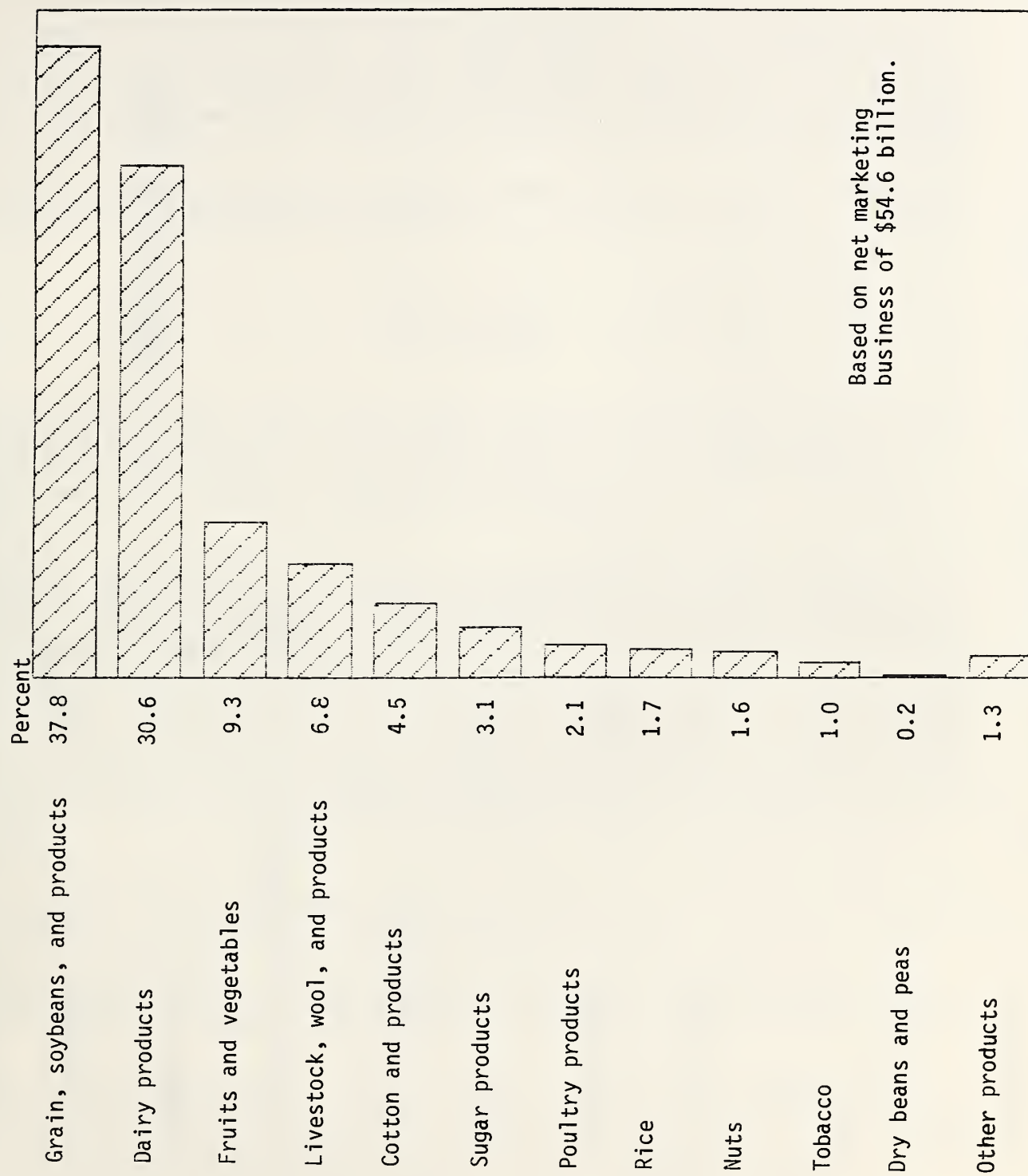
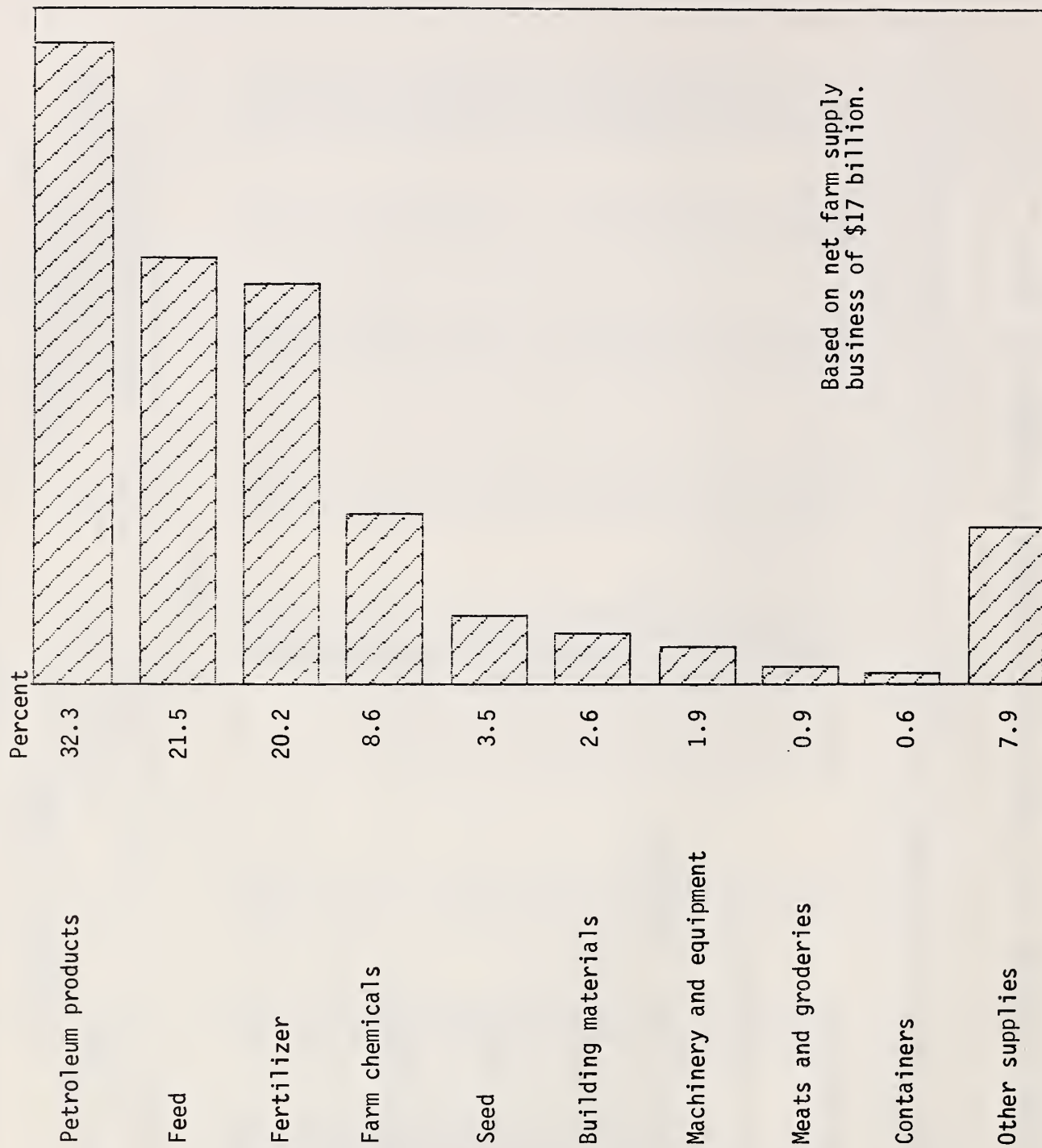


Figure 7

Relative Importance of Major Farm Supplies Handled by Cooperatives, 1984



Receipts for services performed by all types of cooperatives amounted to \$1.5 billion, a 3.6-percent increase. Service receipts represented 2.1 percent of total net business volume.

An estimated 72.2 percent of the 5,782 cooperatives, or 4,173 cooperatives, marketed farm products (table 7). Farm supplies were handled by 4,558 cooperatives, 78.8 percent of the total, while 4,129 cooperatives, or 71.4 percent of the total, performed one or more services related to farm product marketing and farm supply purchasing.

The 1983 estimated volume of farm products marketed and farm supplies purchased by cooperatives is shown by State in table 8.

Balance Sheet

Combined assets for all farmer cooperatives totaled \$29.2 billion in 1984, up 1.3 percent from \$28.8 billion for 1983 (table 9 and figure 8). Assets of cooperatives, eliminating intercooperative investments, total \$26.2 billion compared with \$25.9 billion, a 1.3-percent increase.

Total liabilities were \$17 billion, down 1.6 percent from the \$17.3 billion reported in 1983. Net worth, or member and patron equity, was \$12.2 billion, up 5.6 percent from \$11.5 billion. The proportion of total assets financed by equity went up from 40 to 41.7 percent.

Of the \$29.2 billion in total assets, marketing cooperatives accounted for nearly \$18.3 billion, up 3 percent from \$17.7 billion for 1983 (table 10). Cooperatives whose principal products were grain, soybeans, and soybean meal and oil had total assets of nearly \$7.3 billion in 1984 and more than \$6.8 billion in 1983, a 6.4-percent increase. These cooperatives also maintained the largest proportion of investment in other cooperatives in both 1984 (14.5 percent) and 1983 (14.6 percent).

Assets of marketing cooperatives, excluding investments in other cooperatives, were \$16.7 billion, up from the \$16.2 billion reported in 1983.

Farm supply cooperatives had total assets of \$10.7 billion compared with \$11.8 billion in 1983. Excluding intercooperative investments, assets amounted to \$9.3 billion in 1984, down only 1 percent from the previous year.

Current and term liabilities of marketing cooperatives totaled nearly \$10.9 billion, up from \$10.8 billion. This represented more than half (64 percent) of total liabilities for all cooperatives, compared with 62.7 percent in 1983. Grain marketing cooperatives showed nearly \$3.8 billion, a 3.8-percent increase. Combined liabilities financed 58.3 percent of total cooperative assets.

Net worth or member and patron equity for all marketing cooperatives totaled \$7.4 billion, up from \$6.9 billion. Marketing cooperatives again maintained more than half the total (60.6 percent), while farm supply cooperatives accounted for 38.4 percent. The highest percent of total assets represented by net worth for all

Table 7--Cooperative business volume by commodity, 1984 ^{1/}

Commodity	Cooperatives handling		Gross volume (includes inter-cooperative business)		Net volume (excludes inter-cooperative business)	
	No.	Pct. ^{2/}	1,000 dol.	Pct.	1,000 dol.	Pct.
Products marketed:						
Beans and peas (dry edible)	52	0.9	155,484	0.2	120,214	0.2
Cotton and cotton products	487	8.4	2,881,478	3.0	2,471,366	3.4
Dairy products	418	7.2	18,757,254	19.4	16,707,616	22.9
Fruits and vegetables	394	6.8	6,603,809	6.8	5,058,900	6.9
Grain, soybeans, and soybean meal and oil	2,275	39.3	29,352,414	30.3	20,607,295	28.2
Livestock and livestock products	402	7.0	3,768,451	3.9	3,688,903	5.1
Nuts	35	0.6	877,942	0.9	877,942	1.2
Poultry products	63	1.1	1,212,692	1.3	1,116,917	1.5
Rice	62	1.1	930,336	1.0	924,588	1.3
Sugar products	47	0.8	1,759,284	1.8	1,715,066	2.3
Tobacco	35	0.6	537,417	0.6	537,417	0.7
Wool and mohair	181	3.1	51,908	0.1	32,668	3/
Miscellaneous ^{4/}	102	1.8	738,381	0.8	697,128	1.0
Total farm products	5/ 4,173	72.2	67,626,851	69.8	54,556,020	74.7
Supplies purchased:						
Building materials	1,887	32.6	576,649	0.6	448,433	0.6
Containers and packaging supplies	520	9.0	288,960	0.3	100,809	0.1
Farm chemicals	3,407	58.9	2,510,184	2.6	1,460,343	2.0
Farm machinery and equipment	1,690	29.2	456,295	0.5	323,618	0.4
Feed	3,295	57.0	5,047,775	5.2	3,640,592	5.0
Fertilizer	3,442	59.5	6,008,561	6.2	3,434,726	4.7
Meats and groceries	436	7.5	186,928	0.2	156,212	0.2
Petroleum products	2,742	47.4	9,976,010	10.3	5,477,408	7.5
Seed	3,318	57.4	780,528	0.8	586,855	0.8
Miscellaneous supplies ^{6/}	3,922	67.8	1,890,649	2.0	1,339,984	1.8
Total farm supplies	5/ 4,558	78.8	27,722,539	28.6	16,968,981	23.2
Services provided:						
Trucking, cotton ginning, storage, grinding, locker plants, miscellaneous	5/ 4,129	71.4	7/ 1,521,539	1.6	7/ 1,521,539	2.1
Total business	5/ 5,782	100.0	96,870,930	100.0	73,046,540	100.0

^{1/} Preliminary. Totals may not add due to rounding.^{2/} Number of cooperatives handling each commodity group is computed as a percentage of the total number of 5,782 cooperatives listed.^{3/} Less than one-tenth of one percent.^{4/} Includes coffee, fish, forest products, hay, hops, seed marketed for growers, nursery stock, other farm products not separately classified, and sales of farm products not received directly from member-patrons.^{5/} Because many cooperatives do more than one type of business, these totals are fewer than the number obtained by adding the number of cooperatives handling individual items or performing individual services.^{6/} Includes plant equipment, automotive supplies, hardware, chicks, and other supplies not separately classified.^{7/} Charges for services related to marketing or purchasing but not included in the volume reported for those activities.

Table 8—Cooperative business volume 1/ by commodity and State, 1983 2/

States	Beans and peas, dry edible		Cotton and cotton products		Dairy products		Fruits and vegetables	
	Gross	Net	Gross	Net	Gross	Net	Gross	Net
<u>1,000 dollars</u>								
Alabama			20,097	19,889	68,329	66,843	<u>3/</u>	<u>3/</u>
Alaska					<u>3/</u>	<u>3/</u>		
Arizona			207,142	206,907	197,059	196,954	110,965	27,489
Arkansas			80,183	59,396	130,931	126,712	15,984	15,984
California	19,715	19,715	684,241	561,624	1,502,651	1,397,324	2,150,380	1,512,302
Colorado	6,438	4,073			145,200	144,778	25,103	12,684
Connecticut					83,828	72,931	<u>3/</u>	<u>3/</u>
Delaware					18,763	18,649	2,726	2,726
Florida					344,721	336,251	1,127,727	642,405
Georgia					274,926	269,770	28,381	14,164
Hawaii					<u>3/</u>	<u>3/</u>	17,165	12,919
Idaho	7,342	7,342			231,265	199,680	<u>3/</u>	<u>3/</u>
Illinois	<u>3/</u>	<u>3/</u>			561,351	554,979	4,354	4,354
Indiana					219,373	211,831	23,465	18,431
Iowa					612,644	594,135	25,371	14,045
Kansas	<u>3/</u>	<u>3/</u>			222,795	219,630	2,537	2,537
Kentucky					255,445	248,093	<u>3/</u>	<u>3/</u>
Louisiana			57,354	45,369	197,067	195,767	116	116
Maine					24,327	22,032	7,618	7,618
Maryland					279,422	261,729	1,816	1,816
Massachusetts					85,832	76,081	<u>3/</u>	<u>3/</u>
Michigan	60,338	32,893			784,790	696,372	277,763	197,964
Minnesota	<u>3/</u>	<u>3/</u>			2,184,118	1,820,602	6,242	6,242
Mississippi			326,989	313,952	102,349	99,582	<u>3/</u>	<u>3/</u>
Missouri			2,945	2,172	496,950	492,592	477	477
Montana	1,656	1,656			36,122	30,265	<u>3/</u>	<u>3/</u>
Nebraska	108	19			151,776	151,249		
Nevada			336	336	18,002	18,002		
New Hampshire					27,145	23,704		
New Jersey					60,038	43,358	96,899	96,899
New Mexico			17,045	15,642			<u>3/</u>	<u>3/</u>
New York	<u>3/</u>	<u>3/</u>			1,297,784	887,315	194,343	157,850
North Carolina			<u>3/</u>	<u>3/</u>	143,488	139,424	10,197	9,447
North Dakota	351	351			144,730	123,534	<u>3/</u>	<u>3/</u>
Ohio					880,832	880,832	28,674	28,674
Oklahoma	183	83	70,029	45,567	180,457	174,127	757	757
Oregon	<u>3/</u>	<u>3/</u>			259,870	164,709	292,343	292,343
Pennsylvania					1,198,842	933,388	201,905	187,744
Rhode Island					<u>3/</u>	<u>3/</u>		
South Carolina			3,311	3,311	45,184	44,084	3,538	2,038
South Dakota					200,884	149,200		
Tennessee			1,487	1,211	294,973	284,581	270	270
Texas			550,849	438,730	470,597	452,665	60,248	14,800
Utah					195,051	194,038	3,515	1,690
Vermont					266,804	251,892	<u>3/</u>	<u>3/</u>
Virginia					355,401	345,009	13,670	13,670
Washington	6,567	6,567			827,941	340,935	566,369	486,885
West Virginia					22,699	22,021	5,359	5,359
Wisconsin					2,918,684	2,743,454	151,991	151,383
Wyoming	1,885	935			21,547	21,547		
Foreign <u>4/</u>							38,422	36,010
United States	112,533	81,585	2,029,445	1,721,544	19,067,092	16,765,593	5,757,936	4,241,335

Continued

Table 8—Cooperative business volume 1/ by commodity and State, 1983 2/ — Continued

States	Grain, soybeans, and soybean meal and oil		Livestock and livestock products		Nuts		Poultry and poultry products	
	Gross	Net	Gross	Net	Gross	Net	Gross	Net
<u>1,000 dollars</u>								
Alabama	163,980	109,724	23,701	23,701	64,192	64,192	213,236	213,236
Alaska								
Arizona	3/	3/	20,573	20,573	12	12		
Arkansas	333,413	315,672	6,001	6,001	116	116	11,739	11,739
California	28,463	28,463	94,114	94,114	428,474	428,474	27,887	27,887
Colorado	316,818	238,716	170,498	170,497				
Connecticut							6,160	6,160
Delaware	19,905	19,905	463	463			82	82
Florida	27,953	26,556			13,726	13,726	91,081	89,301
Georgia	3/	3/	22,532	22,532	225,812	225,812	289,877	289,877
Hawaii			3/	3/	1,968	1,968		
Idaho	135,772	117,137	22,654	22,654				
Illinois	3,083,506	2,280,903	569,946	557,815			3/	3/
Indiana	1,236,406	947,589	169,663	166,944			20,378	3,067
Iowa	3,905,878	2,479,304	1,104,373	1,101,539			18,420	18,420
Kansas	2,127,111	1,391,903	76,514	76,514			147	147
Kentucky	114,707	76,986	62,432	62,115			98	98
Louisiana	106,932	63,229	151	151	31	31	147	147
Maine	3/	3/					2,478	2,478
Maryland	60,568	44,948	315	315			422	341
Massachusetts			3/	3/			2,745	2,745
Michigan	282,301	182,089	395,353	390,500			3/	3/
Minnesota	2,582,430	1,646,340	317,968	246,083			106,088	73,504
Mississippi	241,705	206,068	59,739	59,739	5,033	5,033	999	999
Missouri	1,266,106	740,428	285,847	283,421			196	196
Montana	230,539	144,691	7,023	6,779				
Nebraska	1,221,737	988,462	530,538	530,538			14,760	5,595
Nevada	3/	3/					1,800	1,800
New Hampshire							564	564
New Jersey	8,715	8,715	3/	3/			840	840
New Mexico	14,600	9,751	17,634	17,634	504	504		
New York	80,708	57,142	63,338	63,338			26,432	26,351
North Carolina	3/	3/	7,599	7,599	13,771	13,771	63,926	62,388
North Dakota	1,462,930	1,094,279	24,787	20,304			3/	3/
Ohio	1,489,919	827,950	296,420	296,420			27,371	27,048
Oklahoma	551,766	326,999	3/	3/	5,776	5,776	98	98
Oregon	120,440	117,074			14,491	14,491	21,115	10,932
Pennsylvania	10,045	10,045	7,326	7,326			21,784	21,622
Rhode Island							3/	3/
South Carolina	47,668	46,270	3/	3/	19,726	19,726	6,784	6,784
South Dakota	732,082	536,111	116,865	115,642				
Tennessee	86,465	47,039	1,559	1,559			288	207
Texas	602,737	405,096	51,749	51,749	7,579	7,579	441	441
Utah	7,608	6,627	3/	3/			46,084	13,499
Vermont	3/	3/	3/	3/				
Virginia	82,482	82,482	30,388	30,388	25,397	25,397	55,611	55,611
Washington	348,510	348,510	3/	3/	3/	3/		
West Virginia			6,577	6,577			32,569	32,569
Wisconsin	81,593	61,712	386,443	164,824			18,096	18,096
Wyoming	2,699	2,699	2,068	2,068				
Foreign 4/	9,633	2,899						
United States	23,411,305	16,217,999	5,092,689	4,767,955	826,704	826,704	1,149,050	1,043,177

Continued

Table 8—Cooperative business volume 1/ by commodity and State, 1983 2/ — Continued

States	Rice		Sugar		Tobacco		Wool and Mohair	
	Gross	Net	Gross	Net	Gross	Net	Gross	Net
<u>1,000 dollars</u>								
Alabama								
Alaska								
Arizona			953	953			88	88
Arkansas	364,498	364,498					24	24
California	270,411	270,411	637,500	619,987			4,562	2,126
Colorado			21,905	21,905			699	699
Connecticut					83	83		
Delaware								
Florida			148,950	148,950	3,416	3,416	3/	3/
Georgia			1,023	1,023	11,954	11,954	3/	3/
Hawaii			5/	5/			22	22
Idaho			84,408	84,408			808	808
Illinois			3/	3/			3/	3/
Indiana					1,274	1,274	222	222
Iowa			3/	3/			4,544	2,613
Kansas			3,186	3,186			881	881
Kentucky					108,500	108,500	82	82
Louisiana	51,536	51,536	106,200	106,199			3/	3/
Maine							85	1
Maryland					3/	3/	3/	3/
Massachusetts					3/	3/	3/	3/
Michigan			3/	3/			336	336
Minnesota			336,971	336,971	54	54	4,116	2,057
Mississippi	4,414	4,414					3/	3/
Missouri	5,935	5,935	7,129	7,129	744	744	137	137
Montana			33,657	33,657			1,181	1,181
Nebraska			45,369	45,369			4,522	2,334
Nevada			578	578			229	229
New Hampshire							112	112
New Jersey							3/	3/
New Mexico							773	773
New York			3/	3/			314	314
North Carolina					173,221	173,221	3/	3/
North Dakota			159,082	159,082			86	86
Ohio			13,424	13,424	839	839	3,615	675
Oklahoma							759	759
Oregon			3/	3/			22	22
Pennsylvania							332	332
Rhode Island								
South Carolina					18,583	18,583		
South Dakota			7,736	7,736			14,315	8,137
Tennessee					29,815	29,815		
Texas	167,929	167,929	42,058	42,058				
Utah							4,696	1,756
Vermont							3/	3/
Virginia					32,115	32,115	655	655
Washington			1,023	1,023			84	84
West Virginia					403	403	298	298
Wisconsin					3/	3/	1,068	553
Wyoming			5,204	5,204			553	553
Foreign <u>4/</u>								
United States	864,722	864,722	1,699,996	1,682,481	393,605	393,605	50,454	29,183

Continued

Table 8--Cooperative business volume 1/ by commodity and State, 1983 2/ -- Continued

States	Miscellaneous marketing 6/		Total farm products marketed		Building materials		Containers and packaging supplies	
	Gross	Net	Gross	Net	Gross	Net	Gross	Net
1,000 dollars								
Alabama	2,063	2,063	555,647	499,696	3,207	3,152	382	382
Alaska			3/	3/	3/	3/		
Arizona			547,504	463,688	1,499	612	8,072	623
Arkansas			942,889	900,140	6,287	5,468	1,913	1,911
California	54,707	54,707	5,903,104	5,017,133	11,983	9,639	70,340	14,871
Colorado	3,713	3,573	690,375	596,926	4,270	2,956	1,879	771
Connecticut			90,572	79,674	5,035	3,286	135	98
Delaware			41,940	41,825	3,474	2,100	103	88
Florida	12,796	12,796	1,770,371	1,273,400	1,142	1,083	126,210	17,352
Georgia	3/	3/	994,878	968,516	4,092	3,399	795	795
Hawaii	2,651	2,651	30,937	26,691	492	146	702	568
Idaho	3/	3/	561,894	511,674	2,110	2,041	170	170
Illinois	12,450	12,450	4,234,485	3,413,379	23,093	16,145	1,483	1,483
Indiana	26	26	1,670,807	1,349,385	27,829	21,373	185	95
Iowa	1,767	1,767	5,674,531	4,213,357	67,398	60,069	1,005	876
Kansas	2,060	2,060	2,435,231	1,696,859	18,202	13,852	161	161
Kentucky			541,897	496,506	8,648	5,471	135	135
Louisiana			519,621	462,632	3,070	1,611	413	413
Maine	3/	3/	36,758	34,380	6,589	4,490	2,245	2,201
Maryland	3/	3/	350,336	316,942	6,834	4,223	177	64
Massachusetts			261,149	251,399	8,301	5,503	1,033	966
Michigan	7,669	7,669	1,818,555	1,517,829	12,028	11,524	4,533	2,311
Minnesota	24,568	24,568	5,562,556	4,156,421	32,027	30,214	2,455	2,285
Mississippi	26	26	741,291	689,851	7,230	3,040	1,395	1,395
Missouri	3/	3/	2,066,482	1,533,246	15,212	9,920	374	177
Montana			311,725	219,775	5,731	5,668	173	173
Nebraska	12,511	12,500	1,981,322	1,736,066	18,702	15,042	171	123
Nevada	3/	3/	23,120	23,120	136	128	3/	3/
New Hampshire			27,821	24,379	2,011	1,311	54	39
New Jersey	3/	3/	174,807	158,127	9,451	6,648	4,721	4,662
New Mexico	1,804	1,804	56,361	50,108	84	46	460	460
New York	3/	3/	1,671,501	1,200,891	32,508	21,952	2,990	2,799
North Carolina	3/	3/	447,084	440,732	4,177	3,018	574	574
North Dakota	195	195	1,797,655	1,403,326	29,649	29,181	561	561
Ohio	428	428	2,741,522	2,076,278	11,110	8,398	1,760	1,760
Oklahoma	661	648	879,513	623,842	7,352	5,729	1,292	1,098
Oregon	5,898	5,898	758,286	649,576	2,311	2,212	5,070	4,964
Pennsylvania			1,440,235	1,160,458	34,734	22,521	3,710	2,486
Rhode Island			3/	3/	3/	3/	3/	3/
South Carolina	113	113	145,691	141,693	517	514	158	158
South Dakota	1,215	1,215	1,073,098	818,041	14,714	13,649	81	81
Tennessee	3/	3/	414,863	364,688	17,232	16,379	501	476
Texas	2,230	2,230	1,956,418	1,583,276	5,903	4,079	13,920	12,206
Utah	3/	3/	314,628	275,284	3,069	3,064	194	23
Vermont			275,565	260,653	7,015	4,566	559	508
Virginia	4,939	4,939	600,658	590,266	15,199	8,781	154	154
Washington	10,540	10,540	1,761,248	1,194,758	5,147	4,664	23,793	12,459
West Virginia	3/	3/	67,933	67,254	2,423	1,524	40	40
Wisconsin	3/	3/	3,563,968	3,146,115	8,093	6,644	813	663
Wyoming	124		34,080	33,006	896	756	3/	3/
Foreign 4/	571,695	525,773	619,750	564,682	63	2		
United States	753,881	707,670	61,209,412	49,343,552	519,594	408,759	288,242	96,850

Continued

Table 8—Cooperative business volume 1/ by commodity and State, 1983 2/ — Continued

States	Farm chemicals		Farm machinery and equipment		Feed		Fertilizer	
	Gross	Net	Gross	Net	Gross	Net	Gross	Net
1,000 dollars								
Alabama	35,753	21,943	5,663	5,655	104,678	93,182	123,503	80,545
Alaska			3/	3/	3/	3/	3/	3/
Arizona	398	260	83		6,669	3,199	1,205	224
Arkansas	58,682	34,338	19,721	7,324	85,348	54,440	124,551	73,043
California	36,788	26,373	8,198	5,448	136,753	126,931	46,105	34,275
Colorado	17,227	7,779	7,572	4,933	61,757	44,106	53,287	34,305
Connecticut	5,138	2,498	2,370	1,564	60,976	49,663	6,460	3,518
Delaware	5,197	3,118	1,911	1,317	13,485	7,946	18,508	10,529
Florida	21,247	14,645	7,993	2,723	83,554	81,244	74,090	34,878
Georgia	27,751	21,529	5,119	5,062	132,006	130,591	73,393	68,840
Hawaii	1,111	695	204	84	3,873	3,775	3,092	1,647
Idaho	13,703	7,702	2,249	998	17,225	12,242	49,724	20,627
Illinois	225,007	128,859	34,024	18,838	186,742	131,267	452,415	242,777
Indiana	94,617	53,497	9,418	9,083	121,640	81,924	222,777	121,582
Iowa	247,070	147,235	34,834	19,946	548,453	354,283	685,791	279,709
Kansas	68,307	38,368	26,430	17,524	260,988	198,991	194,393	137,071
Kentucky	24,245	18,527	8,954	7,446	58,180	42,387	76,424	39,229
Louisiana	38,334	21,695	7,108	3,012	32,132	20,695	71,372	40,001
Maine	8,338	5,170	5,342	4,374	38,108	22,270	15,575	8,954
Maryland	20,211	13,424	10,747	8,819	44,828	31,019	51,054	32,434
Massachusetts	9,370	5,105	3,985	2,694	46,651	33,067	6,161	3,954
Michigan	28,287	20,953	5,331	5,192	64,416	56,250	57,518	45,952
Minnesota	180,746	107,143	42,342	27,004	355,806	218,451	432,791	194,825
Mississippi	91,132	59,540	7,141	4,156	68,699	38,011	154,115	91,968
Missouri	84,870	47,824	13,716	9,104	250,318	191,682	245,128	157,203
Montana	17,693	7,899	4,421	2,411	20,357	9,075	72,784	35,528
Nebraska	87,132	54,390	21,314	13,614	216,088	137,421	203,765	135,692
Nevada	123	58	68	53	570	450	280	179
New Hampshire	2,049	993	948	625	29,102	17,789	3,209	1,738
New Jersey	10,366	6,107	5,898	4,597	28,399	17,014	17,922	11,224
New Mexico	887	625	134	56	4,214	3,677	2,906	2,038
New York	60,895	31,051	32,374	24,613	263,034	217,373	70,780	50,810
North Carolina	23,742	17,767	6,347	4,233	85,581	85,062	53,977	37,326
North Dakota	52,698	31,389	22,550	17,961	50,512	27,024	167,000	81,155
Ohio	83,720	52,276	21,153	16,404	155,294	111,802	202,097	111,868
Oklahoma	18,088	6,914	7,292	3,968	79,137	56,232	73,427	52,015
Oregon	26,519	20,202	12,959	11,624	52,085	47,939	35,467	22,051
Pennsylvania	36,927	19,467	20,430	13,759	219,581	138,058	74,280	44,052
Rhode Island	3/	3/	3/	3/	3/	3/	3/	3/
South Carolina	9,939	9,906	571	570	13,811	13,748	10,665	10,635
South Dakota	39,465	22,571	12,027	8,095	99,637	68,944	105,016	52,846
Tennessee	62,042	30,297	11,570	9,619	176,651	100,020	166,748	72,638
Texas	58,755	34,143	10,468	5,158	93,679	67,967	128,727	82,785
Utah	3,438	2,766	2,771	2,632	36,237	35,854	9,504	8,066
Vermont	3/	3/	3,319	2,189	76,978	43,039	8,634	4,956
Virginia	37,528	22,500	11,314	8,247	133,971	111,543	76,294	56,677
Washington	37,361	24,178	20,360	16,564	28,215	23,750	59,774	40,479
West Virginia	5,806	4,168	2,238	1,797	31,825	27,455	13,891	9,415
Wisconsin	73,718	37,093	29,278	21,503	276,765	195,192	257,203	125,960
Wyoming	3,130	1,211	591	113	8,213	5,777	6,910	3,012
Foreign <u>4/</u>	483	64	256	131	1,935	826	96,031	24,983
United States	2,104,221	1,250,216	531,897	363,462	4,970,839	3,594,064	5,158,449	2,837,204

Continued

Table 8—Cooperative business volume 1/ by commodity and State, 1983 2/ — Continued

States	Meats and groceries		Petroleum products		Seed		Miscellaneous supplies <u>7/</u>	
	Gross	Net	Gross	Net	Gross	Net	Gross	Net
<u>1,000 dollars</u>								
Alabama	34	34	18,623	18,463	33,799	16,324	37,891	23,812
Alaska					3/	3/	3/	3/
Arizona			1,409	1,020	657	613	16,375	11,120
Arkansas	284	284	118,631	58,746	15,055	10,461	41,416	28,308
California	17,931	6,109	30,271	4,415	14,178	14,178	24,968	20,365
Colorado	1,005	1,005	136,818	84,317	4,085	3,425	29,830	24,884
Connecticut	4	4	25,106	19,113	2,361	1,334	11,207	7,254
Delaware	123	48	48,211	29,295	2,826	1,716	7,833	4,734
Florida	3/	3/	8,443	6,207	4,451	2,718	11,181	9,452
Georgia	3/	3/	6,157	5,088	10,417	10,244	40,803	39,788
Hawaii	3/	3/	287	74	47	36	671	571
Idaho	43	43	94,104	50,048	6,244	5,211	18,747	13,944
Illinois	650	650	611,286	325,332	54,868	37,678	62,197	43,238
Indiana	405	405	352,757	210,549	13,200	11,000	27,908	19,702
Iowa	2,704	2,704	986,422	451,712	58,927	28,383	74,026	56,543
Kansas	10,502	10,502	831,714	238,610	10,487	10,487	75,304	62,747
Kentucky	642	292	135,596	79,968	14,809	11,033	27,827	19,535
Louisiana	166	166	17,143	7,061	20,492	12,992	26,552	20,150
Maine	3/	3/	38,522	32,530	3,018	1,786	14,667	9,923
Maryland	348	136	198,802	124,573	12,567	8,240	28,138	18,055
Massachusetts	62	62	37,745	28,722	4,911	3,249	18,791	12,466
Michigan	6,572	6,572	98,074	70,157	9,684	8,299	35,517	26,536
Minnesota	18,457	15,887	665,622	359,840	39,560	29,202	152,392	85,010
Mississippi	3/	3/	41,188	27,978	29,760	17,587	27,034	17,922
Missouri	6,573	6,573	373,110	234,787	32,383	27,152	88,002	48,883
Montana	1,333	1,333	172,876	85,964	2,949	1,201	39,749	31,710
Nebraska	24,254	24,254	571,537	285,173	8,174	5,549	65,690	51,499
Nevada			361	70	132	132	213	184
New Hampshire	3	3	25,098	19,105	944	533	4,091	2,509
New Jersey	4,396	27	73,506	60,293	4,565	2,922	19,936	13,595
New Mexico	3/	3/	4,289	1,262	283	283	1,251	1,141
New York	441	441	863,577	599,745	21,412	14,145	118,645	84,488
North Carolina	3/	3/	25,189	24,474	8,673	8,636	19,185	15,641
North Dakota	2,524	2,524	348,092	183,772	18,002	14,616	77,034	60,694
Ohio	4,560	3,789	193,577	139,079	36,750	27,129	39,969	32,304
Oklahoma	61	61	135,751	65,796	5,762	5,762	30,327	25,640
Oregon	286	286	88,461	42,441	11,032	9,980	43,642	38,703
Pennsylvania	3/	3/	445,926	337,165	17,829	11,053	79,081	52,393
Rhode Island			3/	3/	3/	3/	3/	3/
South Carolina			2,724	2,718	3,273	3,263	6,561	6,468
South Dakota	292	292	287,404	166,879	14,606	12,140	54,208	42,976
Tennessee	3/	3/	69,713	35,722	39,218	21,508	87,249	41,792
Texas	590	590	158,473	79,270	22,503	21,600	46,514	41,247
Utah			10,816	5,056	2,881	2,762	12,043	11,472
Vermont	3/	3/	37,881	28,857	3,224	1,787	14,257	8,722
Virginia	3,089	2,578	176,395	110,793	18,016	13,541	67,209	43,895
Washington	10,029	10,029	148,026	80,806	13,076	11,407	33,351	21,869
West Virginia	168	68	34,826	22,071	3,542	2,423	7,689	5,260
Wisconsin	15,175	15,175	520,220	298,993	28,172	16,625	108,018	88,118
Wyoming	3/	3/	47,015	22,733	644	465	4,297	3,101
Foreign <u>4/</u>	6,168		431,137	257,422			362	118
United States	151,157	123,711	9,761,521	5,433,841	684,940	483,081	1,881,924	1,351,768

Continued

Table 8--Cooperative business volume 1/ by commodity and State, 1983 2/ -- Continued

States	Total supplies		Services	Total		
	Gross	Net	Receipts <u>8/</u>	Cooperatives	Gross	Net
	<u>1,000 dollars</u>			<u>Number</u>	<u>1,000 dollars</u>	
Alabama	363,534	263,491	4,305	83	923,486	767,492
Alaska	<u>3/</u>	<u>3/</u>	<u>3/</u>	1	<u>3/</u>	<u>3/</u>
Arizona	36,367	17,670	6,055	17	589,926	487,412
Arkansas	471,887	274,324	40,419	117	1,455,195	1,214,883
California	397,517	262,606	74,251	247	6,374,872	5,353,990
Colorado	317,730	208,481	21,567	77	1,029,672	826,975
Connecticut	118,793	88,332	<u>3/</u>	5	210,739	169,381
Delaware	101,670	60,890	628	5	144,238	103,344
Florida	339,804	171,303	51,035	66	2,161,209	1,495,739
Georgia	300,536	285,318	5,091	23	1,300,505	1,258,924
Hawaii	10,484	7,597	6,056	23	47,477	40,343
Idaho	204,319	113,026	10,993	65	777,206	635,692
Illinois	1,651,766	946,267	101,949	279	5,988,200	4,461,596
Indiana	870,737	529,209	29,020	90	2,570,564	1,907,614
Iowa	2,706,630	1,401,460	143,148	362	8,524,308	5,757,965
Kansas	1,496,487	728,313	97,024	239	4,028,743	2,522,196
Kentucky	355,459	224,023	7,229	72	904,586	727,759
Louisiana	216,783	127,796	9,560	87	745,964	599,988
Maine	132,452	91,745	1,985	9	171,194	128,109
Maryland	373,705	240,986	3,341	29	727,381	561,269
Massachusetts	137,010	95,788	439	17	398,598	347,625
Michigan	321,961	253,746	16,104	108	2,156,621	1,787,679
Minnesota	1,922,198	1,069,859	108,518	673	7,593,272	5,334,798
Mississippi	435,461	269,364	20,831	151	1,197,584	980,046
Missouri	1,109,687	733,305	82,522	113	3,258,690	2,349,073
Montana	338,067	180,963	5,535	135	655,326	406,273
Nebraska	1,216,828	722,756	66,535	248	3,264,685	2,525,358
Nevada	1,946	1,318	1,491	4	26,558	25,929
New Hampshire	67,508	44,646	368	2	95,697	69,393
New Jersey	179,159	127,089	4,566	24	358,533	289,782
New Mexico	14,599	9,679	4,231	20	75,191	64,018
New York	1,466,656	1,047,417	25,676	220	3,163,832	2,273,983
North Carolina	227,462	196,749	7,458	36	682,004	644,939
North Dakota	768,621	448,877	26,562	396	2,592,838	1,878,765
Ohio	749,991	504,809	60,969	167	3,552,482	2,642,056
Oklahoma	358,489	223,215	32,537	143	1,270,539	879,593
Oregon	277,831	200,401	22,530	52	1,058,646	872,507
Pennsylvania	932,568	641,022	12,444	88	2,385,247	1,813,924
Rhode Island	<u>3/</u>	<u>3/</u>	<u>3/</u>	1	<u>3/</u>	<u>3/</u>
South Carolina	48,220	47,980	1,046	10	194,957	190,720
South Dakota	627,449	388,473	27,098	233	1,727,644	1,233,611
Tennessee	630,971	328,498	15,661	106	1,061,494	708,847
Texas	539,532	349,046	151,451	422	2,647,401	2,083,773
Utah	80,952	71,695	5,008	39	400,588	351,986
Vermont	159,070	98,132	975	10	435,611	359,760
Virginia	539,169	378,708	8,940	110	1,148,767	977,914
Washington	379,132	246,206	71,005	130	2,211,385	1,511,968
West Virginia	102,447	74,220	2,312	45	172,692	143,786
Wisconsin	1,317,456	805,966	67,837	368	4,949,260	4,019,918
Wyoming	73,514	38,986	1,611	22	109,205	73,602
Foreign <u>4/</u>	536,435	283,545	192		1,156,377	848,419
United States	26,052,783	15,942,957	1,468,316	5,989	88,730,512	66,754,824

See next page for footnote references.

Footnotes to table 8

1/ Data covering operations of cooperatives whose business years ended during the 1983 calendar year. Includes independent local cooperatives, federations, centralized cooperatives, and cooperatives with mixed organizational structures. The volume of products marketed is allocated to the State in which they originate and the volume of farm supplies is allocated to the State in which they are sold; service volume is allocated to the State of origin when services relate to farm products marketed or to the State of destination when related to farm supplies sold.

2/ Gross business volume includes sales between cooperatives. Net business volume excludes sales between cooperatives. Totals may not add due to rounding.

3/ Dollar volume is not shown to avoid disclosing operations of individual cooperatives.

4/ Includes value of farm products imported, farm supplies exported, services related to imported farm products or exported farm supplies, sales to domestic military installations, or sales of farm products not received directly from member-patrons.

5/ Included in dollar volume of California.

6/ Includes forest products, hays, hops, nursery stock, coffee, and other farm products not separately classified. Also includes manufactured food products and resale items marketed by cooperatives.

7/ Includes automotive supplies, hardware, chicks, and other supplies not separately classified.

8/ Receipts for services related to marketing and purchasing activities but not included in the volumes reported for these activities.

Table 9--Selected balance sheet data for farmer cooperatives, 1984

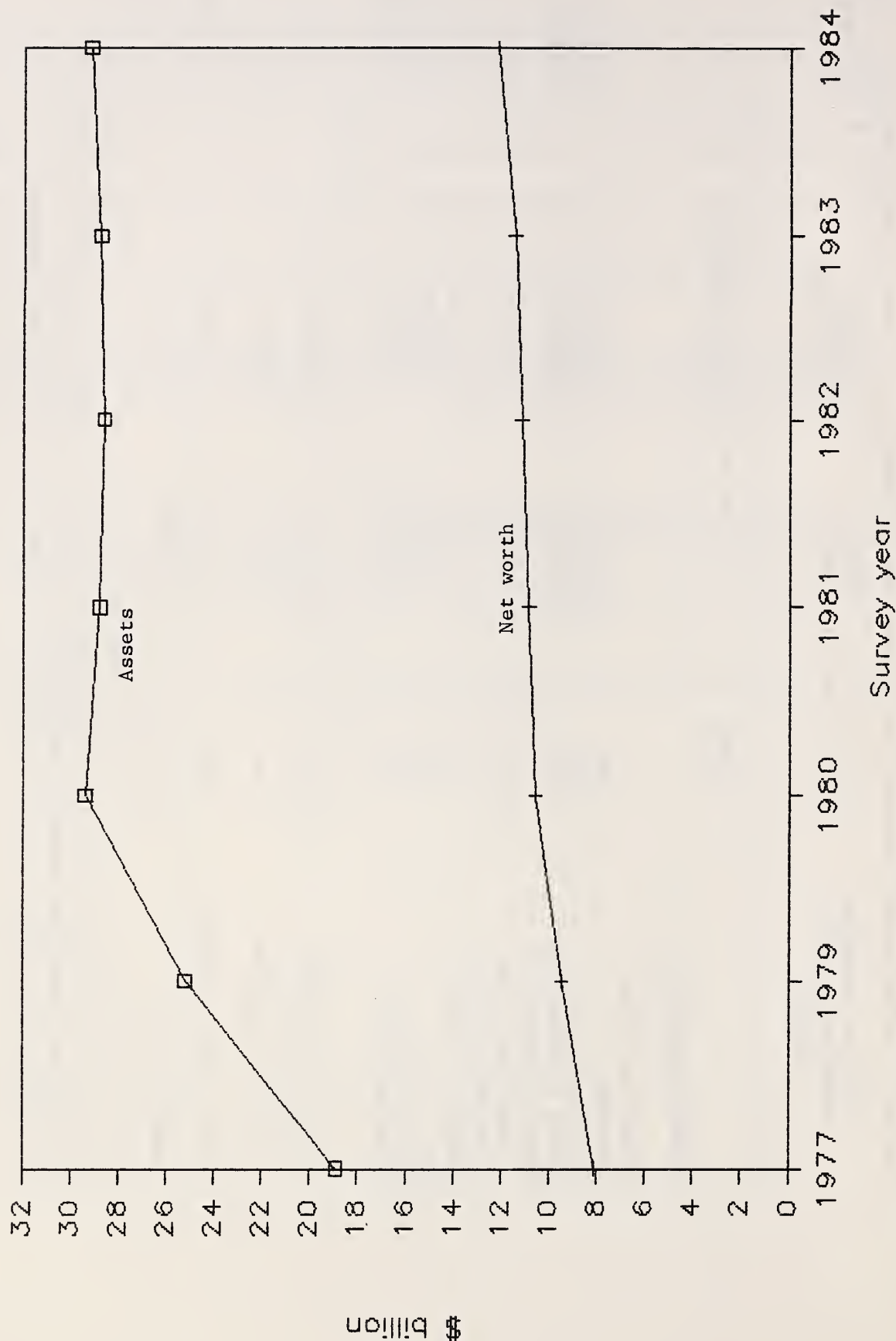
Principal products marketed and major function	Cooperatives <u>1/</u>	Total assets	Total liabilities	Net worth
	<u>Number</u>	<u>-----1,000 dollars-----</u>		
Products marketed:				
Cotton and cotton products	436	1,261,571	748,578	512,993
Dairy products	384	4,086,384	2,593,511	1,492,873
Fruits & vegetables	347	3,100,957	2,132,026	968,931
Grain, soybeans, and soybean meal & oil	1,639	7,279,052	3,756,837	3,522,215
Livestock, wool, and poultry products	515	671,974	437,459	234,515
Rice	55	339,691	202,644	137,047
Sugar products	38	856,738	544,029	312,709
Other products <u>2/</u>	100	670,780	470,224	200,556
Total farm products	3,514	18,267,147	10,885,308	7,381,839
Total farm supplies	2,136	10,665,371	5,989,748	4,675,623
Total related services	132	249,378	125,572	123,806
Combined total	5,782	29,181,896	17,000,628	12,181,268

1/ Many cooperatives are multiproduct and multifunctional in operations and are classified according to predominant commodity or function indicated by business volume.

2/ Includes dry edible beans and peas, nuts, tobacco, and miscellaneous products.

Figure 8

Assets and Net Worth of Farmer Co-ops*



*Data not available for the 1978 survey year.

Table 10--Assets of farmer cooperatives, 1984

Principal products marketed and major function	Cooperatives 1/	Assets from own operations	Investments in other cooperatives	Total assets	Investments in other co-ops as percent of total
	<u>Number</u>	<u>-----1,000 dollars-----</u>			<u>Percent</u>
Products marketed:					
Cotton and cotton products	436	1,161,218	100,353	1,261,571	8.0
Dairy products	384	3,783,574	302,810	4,086,384	7.4
Fruits & vegetables	347	3,029,731	71,226	3,100,957	2.3
Grain, soybeans, and soybean meal & oil	1,639	6,221,182	1,057,870	7,279,052	14.5
Livestock, wool, and poultry products	515	628,284	43,690	671,974	6.5
Rice	55	333,319	6,372	339,691	1.9
Sugar products	38	848,140	8,598	856,738	1.0
Other products 2/	100	665,090	5,690	670,780	0.8
Total farm products	3,514	16,670,538	1,596,609	18,267,147	8.7
Total farm supplies	2,136	9,289,142	1,376,229	10,665,371	12.9
Total related services	132	240,988	8,390	249,378	3.4
Combined total	5,782	26,200,668	2,981,228	29,181,896	10.2

^{1/} Many cooperatives are multiproduct and multifunctional in operations and are classified according to predominant commodity or function indicated by business volume.

^{2/} Includes dry edible beans and peas, nuts, tobacco, and miscellaneous products.

marketing cooperatives (48.4 percent) was for cooperatives primarily marketing grain, soybeans, and soybean meal and oil. The lowest percent (29.9 percent) was for cooperatives primarily marketing other product 6/. Cooperatives classified as farm marketing and farm supply had 40.4 and 43.8 percent, respectively.

Net Margins

Total net margins, less losses, for all cooperatives were nearly \$1.01 billion, including intercooperative dividends and refunds (figure 9). Net margins were down 4.4 percent from the previous year's total of \$1.06 billion. Intercooperative dividends of \$185 million were down 4 percent from \$193 million. Losses totaled \$174.4 million.

Marketing cooperatives' net margins (\$668 million) were 5.9 percent below the \$709 million generated in 1983 (table 11). Also, marketing cooperatives' net margins accounted for 66.2 percent of total net margins and 0.7 percent of gross sales volume. Total net margins for marketing cooperatives whose principal products were dairy products increased 2.7 percent and maintained the largest percent of marketing cooperative net margins (29.3 percent).

Farm supply cooperatives' net margins in 1984 of \$316 million increased slightly (less than 0.1 percent) from the previous year. Farm supply cooperatives' percent of total net margins rose from 29.9 percent to 31.2 percent.

Farmer cooperatives' net margins from their operations totaled more than \$823 million--down 4.5 percent from \$863 million. Almost 18.4 percent, or \$185 million, of total net margins were generated from other cooperatives, up slightly from 18.3 percent. Marketing cooperatives' net margins from other cooperatives decreased from 15.7 percent to 13.3 percent of the total. More than 22.1 percent of the net margins generated by grain cooperatives came from other cooperatives.

Other Service Organizations

Other types of service cooperatives or organizations were operating in 1984 besides those directly related to marketing and farm purchasing. Data for these organizations are shown by farm credit district in table 12 and by State in table 13. A map showing States in each district appears as figure 10.

Federal Land Bank Associations

Federal land bank associations totaled 437 and operated throughout the United States and the associated Commonwealth of Puerto Rico with 653,373 outstanding loans. The Louisville district led all farm credit districts with 14.2 percent of the total number of associations and the Texas and St. Paul districts ranked second with 10.3 percent. The Columbia district was the leader in total number of outstanding loans with 14.4 percent of the total. The St. Paul district was second, with 13.8 percent of total members but led all farm credit districts with 17 percent of the total loans made. The associations made loans of more than \$4.3 billion.

6/ Includes dry edible beans and peas, nuts, tobacco, and miscellaneous products.

Figure 9

Net Margins of Farmer Cooperatives

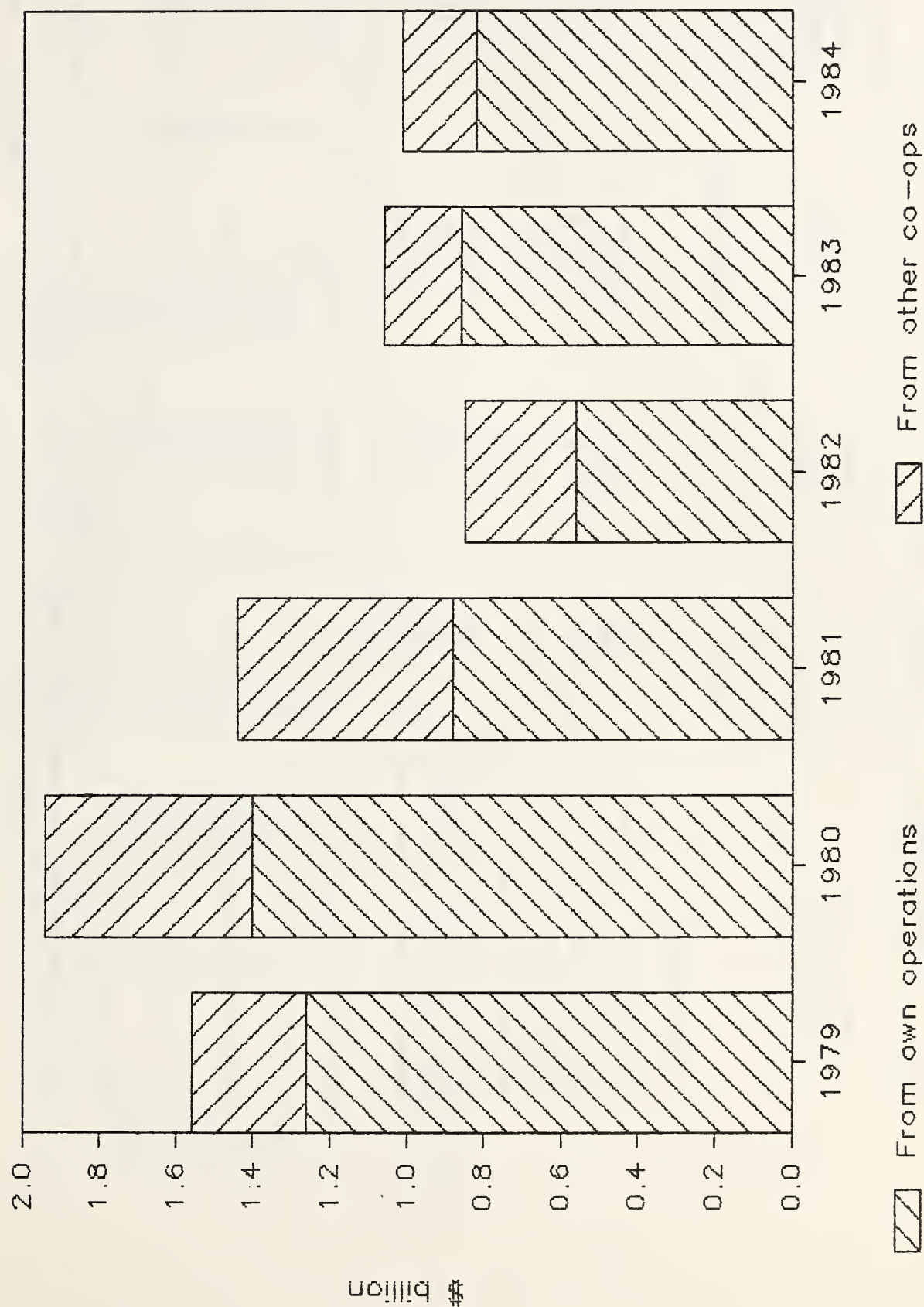


Table 11--Farmer cooperative net margins, 1984 1/

Principal products marketed and major function	Cooperatives 2/	Total net margins	Margins from own operations	Margins from other cooperatives
	<u>Number</u>		<u>1,000 dollars</u>	
Products marketed:				
Cotton and cotton products	436	143,095	124,900	18,195
Dairy products	384	195,761	176,144	19,617
Fruits & vegetables	347	52,453	46,741	5,712
Grain, soybeans, and soybean meal & oil	1,639	191,238	148,967	42,271
Livestock, wool, and poultry products	515	63,138	61,550	1,588
Rice	55	1,741	889	852
Sugar products	38	8,625	8,345	280
Other products 3/	100	11,464	11,406	58
Total farm products	3,514	667,515	578,942	88,573
Total farm supplies	2,136	315,628	220,050	95,578
Total related services	132	25,424	24,498	926
Combined total	5,782	1,008,567	823,490	185,077

1/ Cooperatives operating on a pooling basis are not included.

2/ Many cooperatives are multiproduct and multifunctional in operations and are classified according to predominant commodity or function indicated by business volume.

3/ Includes dry edible beans and peas, nuts, tobacco, and miscellaneous products.

Table 12—Number and level of activity of Farm Credit System cooperatives by district 1/

Districts 2/	Federal Land Banks			Production Credit Associations			Banks For Cooperatives		
	Associations		Loans outstanding	Loans made during year		Members	Cooperatives with loans outstanding		Loans made during year
	Number			1,000 dol.		Number	Number		1,000 dol.
Springfield	20	17,929	58,904		20	14,803	107		1,094,998
Baltimore	26	38,278	228,597		26	25,356	97		766,700
Columbia	27	93,901	348,744		35	43,778	66		1,490,784
Louisville	62	67,450	343,277		35	63,993	306		2,732,555
Jackson	33	37,125	201,376		18	10,267	214		2,520,537
St. Louis	40	62,024	329,563		35	26,837	261		1,698,111
St. Paul	45	90,420	731,032		44	51,039	707		4,144,581
Omaha	31	75,891	517,266		37	21,270	472		2,629,835
Wichita	37	66,211	331,246		34	11,637	463		3,637,597
Texas	45	39,894	358,085		28	13,524	158		961,631
Sacramento	31	24,471	579,292		28	16,503	146		6,170,323
Spokane	40	39,779	282,459		25	13,673	173		1,165,629
United States	437	653,373	4,309,841		365	312,680	4/ 3,163	4/ 28,907,229	

1/ For year ended December 31, 1984. Source: Farm Credit Administration.

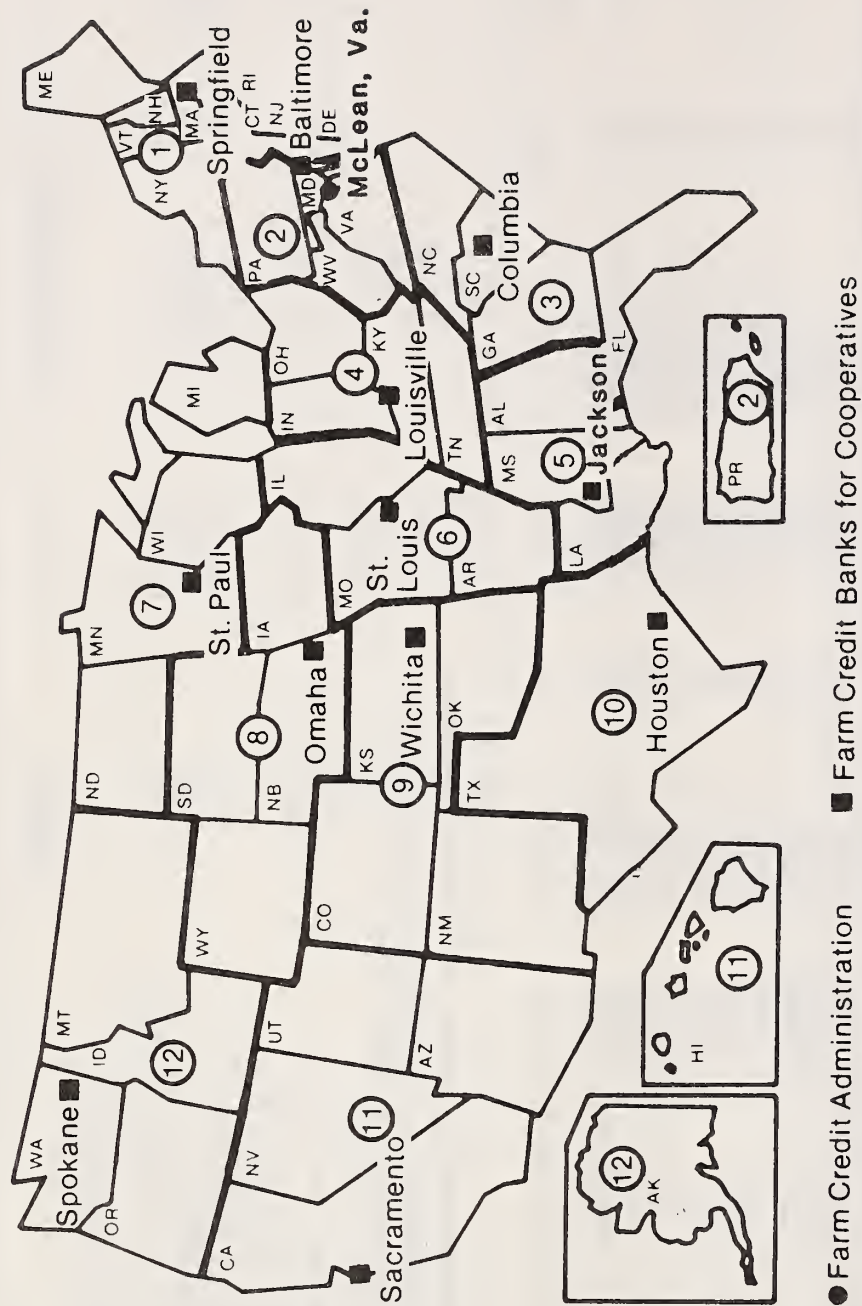
2/ See figure 10.

3/ Includes agricultural, rural home, farm related, and aquatic loans.

4/ Excludes participations sold to commercial banks.

Figure 10

Cooperative Farm Credit Districts



Production Credit Associations

Production credit associations, totaling 365, made loans of more than \$28.3 billion to 312,680 stockholders.

The St. Paul farm credit district was the leader in number of associations with 12.1 percent of the total and in loans made with 16.8 percent of the total. The Louisville district led in number of stockholders with 20.5 percent of the total.

Banks for Cooperatives

Thirteen banks for cooperatives made loans of more than \$28.9 billion to 3,163 agriculturally oriented cooperatives with outstanding loans.

The St. Paul district led all farm credit districts with 22.4 percent of total number of cooperatives with outstanding loans; the Omaha district was second with 14.9 percent. However, the Sacramento district was the leader in loans made, with 21.3 percent of the total.

Rural Credit Unions

Rural credit unions numbered 944 with 2,675,644 members holding share savings of nearly \$4.3 billion.

California led all States in number of associations with 9.6 percent of total, in members with 22.3 percent of the total, and in share savings with 28.9 percent of the total.

Rural Electric Cooperatives

Rural electric cooperatives, totaling 927, reported 9.9 million consumer members and revenue of more than \$17.6 billion.

Texas again led all States, with 8.7 percent of total associations, 9.6 percent of total consumer memberships, and 7.9 percent of total revenue.

Rural Telephone Cooperatives

Rural telephone cooperatives, totaling 253, with revenues of more than \$571 million, had 1,026,971 subscriber members. These cooperatives were all financed by the Rural Electrification Administration (REA).

Iowa had the largest number of cooperatives (14.2 percent of the total), while Texas accounted for more subscriber memberships (8.9 percent) and revenue (12.5 percent) than any other State.

Dairy Herd Improvement Associations

Dairy herd improvement memberships numbered 37,973 and cows tested totaled more than 3.2 million.

New York (2,879), Pennsylvania (3,555), Minnesota (4,672), and Wisconsin (6,285) combined accounted for 44.5 percent of total members. More than 524,000, or 16.3 percent, of the cows tested were in California.

Table 13--Number, participation, and level of activity of service cooperatives by State 1/

States	Rural Credit Unions 2/			Rural Electric Cooperative			Rural Telephone Cooperatives 3/		
	Coopera-		Loans made	Coopera-	Members		Coopera-	Members	
	tives	Members	during year	tives	(consumers)	Revenue	tives	(subscribers)	Revenue
	Number		1,000 dol.	Number		1,000 dol.	Number		1,000 dol.
Alabama	12	15,883	25,109	22	311,037	395,441	3	17,836	7,225
Alaska	1	16,115	29,133	13	143,014	231,200	7	28,501	32,854
Arizona	6	10,346	13,272	7	79,192	254,936	1	2,649	3,578
Arkansas	5	2,879	3,318	20	287,302	602,845	2	5,940	3,073
California	81	595,596	1,241,577	3	11,330	11,184			
Colorado	22	24,178	27,378	24	263,822	674,753	6	7,461	5,692
Connecticut	2	1,209	1,103						
Delaware	1	1,768	3,796	1	34,417	27,779			
Florida	28	62,866	95,319	16	470,480	825,299			
Georgia	24	23,641	25,456	43	789,843	1,345,739	4	19,981	8,209
Hawaii	19	69,377	183,627						
Idaho	17	14,375	18,673	9	41,812	45,967	3	8,855	4,265
Illinois	19	39,990	56,210	30	207,324	407,937	7	22,178	10,736
Indiana	29	36,547	128,092	43	319,781	675,666	9	22,558	10,366
Iowa	18	8,718	9,955	52	171,988	332,653	36	51,592	20,766
Kansas	38	79,960	213,203	37	170,211	400,987	11	38,796	26,787
Kentucky	8	18,106	22,217	28	461,276	1,085,491	8	68,586	28,370
Louisiana	14	14,360	14,215	14	307,171	725,649			
Maine	12	20,166	23,505	4	12,735	8,441			
Maryland	9	34,347	70,494	2	97,369	120,160			
Massachusetts	9	7,765	6,351						
Michigan	33	273,948	336,919	14	185,806	162,566			
Minnesota	44	119,763	204,351	50	437,709	788,523	19	60,665	25,583
Mississippi	8	5,094	2,096	23	422,820	555,187			
Missouri	12	15,997	20,532	47	428,500	979,747	8	42,519	21,073
Montana	19	44,285	110,504	25	92,578	125,260	9	33,561	34,462
Nebraska	22	12,156	17,427	4	11,936	99,230	7	12,242	6,150
Nevada	7	22,865	49,313	3	13,764	17,113			
New Hampshire	2	1,248	549	1	51,978	35,353			
New Jersey	10	12,258	9,339	1	8,217	8,461			
New Mexico	5	37,160	135,099	17	125,995	214,032	5	14,184	15,650
New York	37	109,617	187,769	4	11,107	6,797			
North Carolina	22	31,697	31,777	29	489,465	670,934	9	81,836	29,029
North Dakota	46	75,144	211,088	26	97,785	674,452	10	53,584	30,255
Ohio	20	39,703	34,593	28	236,186	404,987	7	5,712	2,108
Oklahoma	6	6,888	12,801	27	330,497	576,902	2	39,570	27,948
Oregon	13	42,220	78,563	14	93,537	118,125	10	31,202	19,038
Pennsylvania	27	26,939	26,458	13	158,423	234,387			
Rhode Island	5	39,858	123,229						
South Carolina	4	6,612	12,564	22	353,309	536,304	6	87,149	41,357
South Dakota	12	8,583	13,189	34	104,794	228,703	14	41,230	23,967
Tennessee	11	7,168	9,327	20	535,665	539,957	7	82,658	32,019
Texas	43	91,611	181,168	81	953,873	1,384,285	21	91,841	71,572
Utah	14	11,184	12,703	5	20,430	91,431	3	7,024	6,165
Vermont	10	10,708	9,527	3	17,035	19,407			
Virginia	13	27,565	35,834	14	243,806	460,305	5	12,320	5,111
Washington	21	99,527	211,461	9	51,976	59,506			
West Virginia	7	3,596	1,871	1	4,387	2,413	2	2,345	1,149
Wisconsin	94	390,296	1,033	30	167,211	311,316	11	31,476	14,634
Wyoming	3	3,762	4,060	14	68,228	153,368	1	920	1,783
United States	944	2,675,644	4,297,147	927	9,897,121	17,631,178	253	1,026,971	570,974

Continued

Table 13--Number, participation, and level of activity of service cooperatives by State
1/--Continued

State	Dairy Herd Improvement <u>4/</u>		State	Dairy Herd Improvement <u>4/</u>	
	Members (herds)	Cows tested		Members (herds)	Cows tested
	<u>Number</u>			<u>Number</u>	
Alabama	163	20,885	New Mexico	42	23,042
Alaska		57	New York	2,879	215,534
Arizona	118	54,138	North Carolina	611	66,868
Arkansas	205	12,945	North Dakota	159	9,898
California	1,314	524,474	Ohio	1,684	104,162
Colorado	200	27,562	Oklahoma	279	21,157
Connecticut	285	24,760	Oregon	353	46,114
Delaware	52	5,089	Pennsylvania	3,555	222,924
Florida	55	13,414	Rhode Island	22	1,377
Georgia	285	37,328	South Carolina	203	30,582
Hawaii	10	4,938	South Dakota	206	12,700
Idaho	462	46,100	Tennessee	653	61,347
Illinois	1,201	67,357	Texas	623	87,837
Indiana	875	51,916	Utah	333	37,274
Iowa	1,307	64,918	Vermont	986	61,423
Kansas	531	33,365	Virginia	854	84,548
Kentucky	269	27,168	Washington	627	89,181
Louisiana	269	27,168	West Virginia	161	12,004
Maine	446	24,300	Wisconsin	6,285	346,756
Maryland	636	55,836	Wyoming	19	2,058
Massachusetts	309	18,455	United States	37,973	3,208,162
Michigan	1,620	130,070			
Minnesota	4,672	238,071			
Mississippi	264	25,520			
Missouri	843	55,495			
Montana	96	8,544			
Nebraska	505	31,867			
Nevada	34	10,044			
New Hampshire	216	14,035			
New Jersey	197	15,557			

1/ For year ended December 31, 1984.

2/ Source: Credit Union National Association, Inc. (Includes federally chartered and State-chartered credit unions.)

3/ Source: Rural Electrification Administration, USDA.

4/ Source: Agricultural Research Service, USDA.

5/ Official DHI (includes Dairy Herd Improvement Registry).

U.S. Department of Agriculture
Agricultural Cooperative Service

Agricultural Cooperative Service (ACS) provides research, management, and educational assistance to cooperatives to strengthen the economic position of farmers and other rural residents. It works directly with cooperative leaders and Federal and State agencies to improve organization, leadership, and operation of cooperatives and to give guidance to further development.

The agency (1) helps farmers and other rural residents develop cooperatives to obtain supplies and services at lower cost and to get better prices for products they sell; (2) advises rural residents on developing existing resources through cooperative action to enhance rural living; (3) helps cooperatives improve services and operating efficiency; (4) informs members, directors, employees, and the public on how cooperatives work and benefit their members and their communities; and (5) encourages international cooperative programs.

ACS publishes research and educational materials and issues Farmer Cooperatives magazine. All programs and activities are conducted on a nondiscriminatory basis, without regard to race, creed, color, sex, or national origin.